NASA CR-
134432

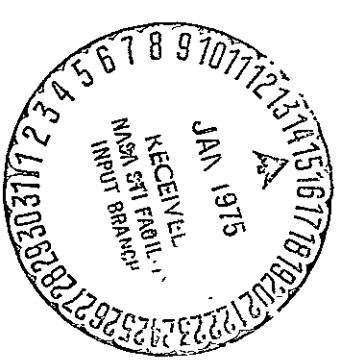
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

(NASA-CR-134432) SUBSONIC AND TRANSONIC HINGE MOMENT AND WING BENDING/TORSION CHARACTERISTICS OF .015 SCALE SPACE SHUTTLE MODELS 49-0 AND 67-TS IN THE (Chrysler Corp.) 809 p HC $19.25 N75-13823

Unclas
G3/02 06511

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



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November, 1974

DMS-DR-2175
NASA CR-134,432
VOLUME 2 OF 3

SUBSONIC AND TRANSONIC HINGE MOMENT AND WING BENDING/TORSION CHARACTERISTICS OF .015 SCALE SPACE SHUTTLE MODELS 49-O AND 67-TS IN THE ROCKWELL INTERNATIONAL TRISONIC WIND TUNNEL (IA70)

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Prepared under NASA Contract Number NAS9-13247

By

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National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	Rockwell Trisonic - 282
NASA Series Number:	IA7Q
Model Numbers:	49-0, 67-TS
Test Dates:	3 through 24 May 1974
Occupancy Hours:	161

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ABSTRACT

Experimental aerodynamic investigations were conducted on an 0.015-scale representation of the VL70-000140A/B Integrated Space Shuttle Launch Vehicle in the Rockwell International Trisonic Wind Tunnel from 3 May 1974 to 24 May 1974. The primary test objective was to obtain subsonic and transonic elevon and bodyflap hinge moments and wing bending-torsion moments in the presence of the launch vehicle. Wing pressures (42) were also recorded for the upper and lower right wing surfaces at two spanwise stations (η = 0.436 and 0.771).

The hinge moment, wing bending/torsion moments and wing pressure data were recorded over an angle-of-attack (α) range from -8° to +8°, an angle-of-sideslip (β) range from -8° to +8° and at Mach numbers of 0.90, 1.12, 1.24 and 1.50. The Reynolds number for all Mach numbers was approximately 7.0×10^6/foot.

Outboard elevon deflections of 0°, ±4° and ±8°; inboard elevon deflections of 0°, +4°, +8° and +12°; and bodyflap deflections of 0° and

+10° were tested over the entire Mach number range.

Tests were also conducted to determine the effects of the Orbiter rear attach cross beam and the forward attach wedge and strut diameter. The Orbiter alone was tested at 0.90 and 1.24 Mach number only.

For both the Orbiter alone and integrated configurations the models were sting mounted on a dummy 1.5-inch Task MK XXVII balance pinned in the Orbiter.

This report consists of three volumes arranged in the following manner:

Volume 1 - Plotted and tabulated force data
- Plotted pressure data - Figures 25 and 26

Volume 2 - Plotted pressure data - Figures 27 through 32

Volume 3 - Tabulated pressure data

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SCHEDULE OF COEFFICIENTS PLOTTED:

(A) CHEO, CHEI, CHBF, CBW, CTW versus ALPHA

(B) CHEO, CHEI, CHBF, CBW, CTW versus ALPHA
CHEO, CHEI versus ELV-LI

(C) CHEO, CHEI, CHBF, CBW, CTW versus ALPHA
CHEO, CHEI versus ELV-LO

(D) CHEO CHEI, CHBF, CBW, CTW versus ALPHA
CHBF versus BFLAP

(E) CP, DCP versus X/C

NOMENCLATURE
General

SYMBOL	PLOT SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$
		Reference & C.G. Definitions
A_b		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)
Additions to Standard Listing

Symbol	Plot Symbol	Description
a_m		distance from m_1 to m_2 gage, in
B_W		wing panel bending moment, in-lbs
C_{BF}		bodyflap reference chord, in
C_e		elevon reference chord, in
C_{B_W}	CBW	wing bending moment coefficient
$C_{h_{eI}}$	CHEI	inboard elevon hinge moment coefficient
$C_{h_{eO}}$	CHEO	outboard elevon hinge moment coefficient
$C_{h_{eT}}$	CHET	total elevon hinge moment coefficient
$C_{h_{BF}}$	CHBF	bodyflap hinge moment coefficient
C_{T_W}	CTW	wing torsion moment coefficient
C_P	CP	local pressure coefficient
$C_{P_{LE}}$	CPLE	wing leading edge pressure coefficient
$C_{P_{WL}}$	CPWL	wing lower surface pressure coefficient
$C_{P_{WU}}$	CPWU	wing upper surface pressure coefficient
C_{P_T}	DCP	total (differential) wing pressure coefficient, (upper - lower)
d		distance from m_2 to exposed wing root chord, in

NOMENCLATURE (Continued)
Additions to Standard Listing

e_m		distance from m_3 to torsion reference center, in
H_{BF}		bodyflap hinge moment, in-lb
H_{e_I}		inboard elevon hinge moment, in-lb
H_{e_O}		outboard elevon hinge moment, in-lb
m_i		wing bending gage moment at station i, in-lb
N_W		wing panel normal force, lbs
$P_{W_{LE}}$		wing leading edge pressure, psi
P_{W_L}		wing lower surface pressure, psi
P_{W_U}		wing upper surface pressure, psi
S_{BF}		bodyflap reference area, ft^2
S_e		elevon reference area, ft^2
T_W		wing panel torsion moment, in-lb
x/c	X/C	chord wise location, fraction of local chord
2Y/b,η	2Y/B	spanwise location, fraction of wing span
$\delta_{e_{OL}}$, δ_{e1}	ELV-1 ELV-LO	lefthand outboard elevon deflection angle, deg
$\delta_{e_{IL}}$, δe2	ELV-2 ELV-LI	lefthand inboard elevon deflection angle, deg
$\delta_{e_{IR}}$, δe3	ELV-3 ELV-RI	righthand inboard elevon deflection angle, deg

NOMENCLATURE (Concluded)
Additions to Standard Listing

$\delta_{e_{OR}}, \delta_{e4}$	ELV-4 ELV-RO	righthand outboard elevon deflection angle, deg
δ_{eI}	DEI	inboard elevon deflection angle, average of left and right inboard panels, deg
δ_{eO}	DEO	outboard elevon deflection angle, average of left and right outboard panels, deg
δ_{BF}	BFLAP	bodyflap deflection angle, deg

CONFIGURATIONS INVESTIGATED

The model used for this test period was an 0.015-scale representation of the Rockwell International VL70-000140A/B Space Shuttle Orbiter and Integrated Launch Vehicle. The Orbiter model was of the blended wing-body design with double delta wing planfrom ($75°/45°\Lambda_{LE}$), full span split elevons with unswept hingeline, centerline vertical tail with rudder/speed-brake capability, fuselage canopy and orbital manuevering system (OMS pods) mounted on the aft fuselage sidewalls. The elevon panels were segmented into inboard and outboard panels at Y_o = 312.50. Each panel was capable of independent deflection. Both of the left hand elevon panels and the body-flap were instrumented with hinge moment beams. The right hand wing panel was instrumented with two wing bending gages and a wing torsion gage.

The right hand wing panel was also instrumented with 42 upper and lower wing surface pressures at two spanwise locations. The inboard station was at Y_o = 204 (η = 0.436) and had 25 pressures while the outboard was at 361 (η = 0.771) and had 17 pressures.

The external tank (ET), solid rocket boosters (SRB), attach hardware, ventlines and simulated fairings were constructed of aluminum and 17-4 steel. No pressures or forces were recorded on these components.

The forward attach fairing or wedge was removable as was the rear attach crossbeam. The forward wedge covered a 33.3-inch diameter strut which attached the Orbiter to the ET. A later strut configuration which was tested was only 11.3 inches in diameter.

CONFIGURATIONS INVESTIGATED (Continued)

The following letter/number designations were used to describe the Orbiter and integrated launch vehicle configurations:

Symbol	Definition
O_1	Orbiter, B_{26} C_9 M_7 F_7 W_{116} E_{37} V_8 R_5
T_{12}	External tank (ET)
S_1	Solid Rocket boosters (SRB), S_{12} N_{41}
P_2	SRB fairings, PS_1, PS_2 and PS_3
P_8	ET Components and Fairings - PT_1, PT_2, PT_3, AT_9, AT_{12}, AT_{13}, AT_{14}, AT_{27}, FL_1, FL_2, and FR_6
P_9	Same as P_8 except the rear attach crossbeam (FR_6) is removed
P_{10}	Same as P_8 except the forward attach wedge (AT_{27}) fairing is removed exposing the attach strut (AT_{15}) and FR_6 is installed
P_{11}	Same as P_9 except the diameter of the forward attach strut (AT_{15}) is reduced to 0.170 inches (model scale)

The following letter/number designations describe the individual configuration components:

Symbol	
AT_9	Attach structure-rear SRB/ET per Rockwell Lines VL72-000106, Model dwg. SS-A01168
AT_{12}	Attach structure-left rear ORB/ET per Rockwell Lines VL78-000050, Model dwg. SS-A01167
AT_{13}	Attach structure-right rear ORB/ET per Rockwell Lines VL78-000050, Model dwg. SS-A01167
AT_{14}	Attach structure-front SRB/ET per Rockwell Lines VL77-000051A, Model dwg. SS-A01168

CONFIGURATIONS INVESTIGATED (Continued)

AT_{15}	Attach structure-front ORB/ET per Model drawing SS-A01166-4, 33.3 inch diameter
AT_{27}	Attach structure-front ORB/ET per Model dwg. SS-A001255, includes AT_{15} plus wedge fairing
B_{26}	Orbiter fuselage per Rockwell Lines VL70-000140A/B, Model dwg. SS-A00147
C_9	Orbiter canopy per Rockwell Lines VL70-000140A/B, Model dwg. SS-A00147
E_{37}	Orbiter full span, unswept hingeline, Grumman gapped elevons per Rockwell Lines VL70-000200, Model dwg. SS-A01256, SS-A00148
F_7	Orbiter body flap per Rockwell Lines VL70-000200, Model dwg. SS-A01256, SS-A00147
FL_1	ET/ORB. LOX feedline per Rockwell Lines VL78-000050, Model dwg. SS-A01167
FL_2	ET/ORB. LH_2 feedline per Rockwell Lines VL78-000050, Model dwg. SS-A01167
FR_6	ET/ORB rear attach structure cross member per Rockwell Lines VL78-000062B, Model drawing SS-A01256
M_7	Orbiter OMS/RCS pods per Rockwell Lines VL70-000145 Model dwg. SS-A00147
N_{28}	Orbiter OMS engine nozzles per Rockwell Lines VL70-000145, Model dwg. SS-A00147
N_{41}	SRB engine nozzles per Rockwell Lines VL77-000036A, Model dwg. SS-A01168
PS_1	SRB electrical tunnel fairing per Rockwell Lines VL77-000036A, Model dwg. SS-A01168
PS_2	SRB attach ring per Rockwell Lines VL77-000036A, Model dwg. SS-A01168
PS_3	SRB separation rocket fairing per Rockwell Lines VL77-000036A, Model dwg. SS-A01168

CONFIGURATIONS INVESTIGATED (Concluded)

PT_1	ET_{12} LOX ventline fairing per Rockwell Lines VL78-000031A, Model dwg. SS-A01167
PT_2	ET_{12} LOX feedline per Rockwell Lines VL78-000031A, Model dwg. SS-A01167
PT_3	ET_{12} LH_2 feedline per Rockwell Lines VL78-000031A, Model dwg. SS-A01167
R_5	Orbiter rudder per Rockwell Lines VL70-000146A, Model dwg. SS-A00115
S_{12}	SRB per Rockwell Lines VL77-000036A, Model dwg. SS-A01167
T_{12}	ET per Rockwell Lines VL78-000041B, Model dwg. SS-A01167
V_8	Orbiter centerline vertical tail per Rockwell Lines VL70-000146A, Model dwg. SS-A00148
W_{116}	Orbiter double delta wing per Rockwell Lines VL70-000200, Model dwg. SS-A00148

TEST FACILITY DESCRIPTION

The Rockwell International Trisonic Wind Tunnel is an intermittent blow down facility with a 7' x 7' tandem test section capable of testing force, duct, pressure, and flutter models at Mach numbers from 0.1 to 3.5.

Two synchronous motor-driven centrifugal compressors, operating in series, supply dry air at a rate of 40 lb/sec. to eight storage spheres having a total volume of 214,000 cu. feet. The air is dried to a moisture content of .0001 lb. or less of water per lb. of dry air (approx. -35°F dew-point) and stored at a pressure of ten atmospheres. Flow from the air storage spheres is regulated by a servo controlled valve. The eight foot diameter valve opens within two seconds to control and stabilize the settling chamber at a preselected pressure.

Downstream of the settling chamber is a fixed nozzle which provides a transition from the circular cross-section of the settling chamber to the rectangular cross-section of the variable nozzle. Two seven foot wide steel plates, supported between parallel walls by hydraulic jacks, form the floor and ceiling of the flexible nozzle section. Changes in nozzle contours to produce variations in Mach number are accomplished by means of these jacks and require 30 to 40 minutes to complete.

Two test sections, for supersonic, transonic, and subsonic testing are 7 ft. wide by 7 ft. high and are permanently installed in a tandem arrangement. The standard supersonic test section (for testing at Mach numbers greater than 1.3) is in the downstream end of the flexible nozzle. The test section for subsonic and transonic operation is located downstream

in the porous wall area. An access door to the test area is located in the variable diffuser.

The variable diffuser downstream of the porous wall area may be adjusted to provide subsonic Mach number control, to generate transonic Mach numbers, and to minimize start time for supersonic testing with models having high tunnel blockage.

An equivalent 5° conical expansion angle is provided in a fixed diffuser which completes the basic tunnel circuit. Downstream of the diffuser is a sound abatement muffler building where the air is exhausted to the atmosphere.

DATA REDUCTION

The elevon panel hinge moments, bodyflap hinge moments and wing bending/torsion moments were measured by individual strain gage beams.

The data reduction procedures are as follows:

(1) Compute inboard elevon hinge moment coefficient

$$C_{h_{eI}} = \frac{H_{eI}}{qS_eC_e},$$

H_{eI} = inboard hinge moment, in-lbs

q = tunnel dynamic pressure, psf

S_e = elevon reference area, ft^2

C_e = elevon reference chord, inches

(2) Compute outboard elevon hinge moment coefficient

$$C_{h_{eO}} = \frac{H_{eO}}{qS_eC_e}$$

H_{eO} = outboard hinge moment, in-lb

(3) Compute total elevon hinge moment coefficient

$$C_{h_{eT}} = C_{h_{eI}} + C_{h_{eO}}$$

(4) Compute body flap hinge moment coefficient

$$C_{h_{BF}} = \frac{H_{BF}}{qS_{BF}C_{BF}},$$

H_{BF} = body flap hinge moment, in-lb

S_{BF} = body flap reference area, ft^2

C_{BF} = body flap reference chord, inches

(5) Compute the right wing panel bending moment and coefficient

$$N_W = \frac{(m_1 - m_2)}{a_m}, \text{ lbs}$$

m_1 = inboard wing bending gage moment, in-lbs

m_2 = outboard wing bending gage moment, in-lbs

$B_W = m_2 + N_W\,(d)$, in-lbs

$C_{B_W} = \dfrac{B_W}{qS_W B_{REF}}$

S_W = wing reference area, ft^2

B_{REF} = wing span, inches

a_m = distance from m_1 to m_2 gage, inches

d = distance from m_2 to exposed wing root chord, inches

(6) Compute the right wing panel torsion moment and coefficient

$T_W = m_3$, in-lbs

$T_{W_{1307}} = T_W + N_W\,(e_m)$

$C_{T_{W1307}} = \dfrac{T_{W_{1307}}}{qS_W\bar{c}}$

m_3 = wing torsion gage moment, in-lbs

e_m = distance from m_3 to torsion reference center (X_o = 1307), inches

$\bar{c}$ = wing reference chord, inches

(7) Compute right wing panel leading edge, upper surface, lower surface and net pressure coefficients for the inboard chordwise location (η = 0.436)

$C_{P_{LEi}} = \dfrac{P_{W_{LEi}} - P_o}{q}$ i = 1

$C_{P_{WUi}} = \dfrac{P_{W_{Ui}} - P_o}{q}$ i = 2→13

$C_{P_{WLi}} = \dfrac{P_{W_{Li}} - P_o}{q}$ i = 14→25

$C_{P_{Ti}} = C_{P_{WUi}} - C_{P_{WLi}}$ e.g., i = (2-14), (3-15), etc.

(8) Compute right wing panel leading edge, upper surface, lower surface and net pressure coefficients for the outboard chordwise location (η = 0.771)

$$C_{P_{LEi}} = \frac{P_{W_{LEi}} - P_o}{q} \qquad i = 26$$

$$C_{P_{WUi}} = \frac{P_{W_{Ui}} - P_o}{q} \qquad i = 27 \rightarrow 34$$

$$C_{P_{WLi}} = \frac{P_{W_{Li}} - P_o}{q} \qquad i = 35 \rightarrow 42$$

$$C_{P_{Ti}} = C_{P_{WUi}} - C_{P_{WLi}} \qquad \text{e.g., } i = (27\text{-}35), (28\text{-}36), \text{ etc}$$

Angle of attack and angle of yaw were corrected for sting deflection. Gage interactions for wing bending and torsion were also applied.

The following reference dimensions and constants were used during this test:

Symbol	Definition	Model Scale	Full Scale
S_w	wing reference area, ft^2	0.6053	2690.00
B_{REF}	wing span, in	14.0502	936.68
$\bar{c}$	wing MAC, in	7.1220	474.80
S_e	elevon reference area, ft^2	0.0473	210.00
C_e	elevon reference chord, in	1.3605	90.70
S_{BF}	body flap reference area, ft^2	0.0304	135.60
C_{BF}	body flap reference chord, in	1.2150	81.00
L_{REFX}	Orbiter body length, in	19.355	1290.30

DATA REDUCTION (Concluded)

L_{REFY}	wing semispan, in	7.0251	468.34

Gage Constants

a_m	distance from m_1 to m_2, in	0.6737	-
d	distance from m_2 to exposed wing root chord, in	0.9448	-
e_m	distance from m_3 to torsion reference point, in	0.7050	-

TABLE I.

TEST : IA70 (TWT 282) DATE : 4 June 74

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.90	6.08	6.65	50→70
1.12	6.82	8.45	50→70
1.24	7.25	9.19	50→70
1.50	7.56	10.28	50→70

BALANCE UTILIZED: TASK MK XXVII Dummy, 1.5" Dia.

	CAPACITY	ACCURACY:	COEFFICIENT TOLERANCE
NF			
SF			
AF			
PM			
RM			
YM			

COMMENTS

TABLE II.

TEST: IA 70 TWT 282 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 29 MAY 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe_1	δe_2	δe_3	δe_4	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) δBF	0.90	1.12	1.24	1.50	TEST RUN NUMBERS
RF7001	Φ_1	A	0	0	0	0	0		0	15		16		
002	$\Phi_1 T_{12} S_1 P_2 P_8$				0	0				19	18	17	58	
003					+4	+4				20	21	22	59	
004					+8	+8				25	24	23	60	
005					+12	+12				26	27	28	61	
006				+4	+12	+12	+4			31	30	29	62	
007					+8	+8				32	33	34	63	
008					+8	+8				35				
009					+4	+4				36	37	38	176	
010					0	0				41	40	39		
011				+8	0	0	+8			42	43	44		
012					+4	+4				47	46	45		
013					+8	+8				48	49	50	177	
014					+12	+12				53	52	51		
015				-4	+12	+12	-4						54	
016					+8	+8							55	
017					+4	+4							56	
018					0	0							57	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

* CHEØ, CHE1, CHET, CHBF, CBW, CTN, MACH, ALPHA

α OR β SCHEDULES

COEFFICENTS

* $\alpha(A) = -8$ to $+8$, $\Delta\alpha = 2^\circ$

FORCE DATA IN DATASETS 1 thru 42

PRESSURE DATA IN DATASETS 43 thru 68

IDVAR (1) IDVAR (2) NDV

δe_1 = LH OUTBD δe_2 = LH INBD

δe_3 = RH INBD δe_4 = RH OUTBD

TABLE II. - Continued.

TEST: IA70 TWT 282 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 29 MAY 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{e1}	δ_{e2}	δ_{e3}	δ_{e4}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) δ_{BF}	0.90	1.12	1.24	1.50	TEST RUN NUMBERS
RF7019	$\Phi_1 T_{12} S_1 P_2 P_8$	A	0	-8	+8	+8	-8		0				64	
020				-8	+12	+12	-8						65	
021				-4	+8	+8	-4						66	
022			+8										67	
023			-4										68	
024			-8										69	
025			+8	0	+12	+12	0					71		
026			+4									164		
027			-4									163		
028			-8									70		
029			-8									162		
030			+8	+4			+4			75	72			
031			-8							74	73			
032			+8		+4	+4						170		
033			-8		+4	+4						171		
034			+8	+8	+8	+8	+8					173		
035			-8	+8	+8	+8	+8					172		
036			+8	0	0	0	0					166		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CHEØ, CHE1, CHET, CHBF, CBW, CTW, MACH, ALPHA

α OR β SCHEDULES: $\alpha(\Delta) = -8$ to $+8$, $\Delta\alpha = 2°$ COEFFICENTS

IDVAR (1): δ_{e1} = LH OUTBD; δ_{e3} = RH INBD

IDVAR (2): δ_{e2} = LH INBD; δ_{e4} = RH OUTBD

NDV

TABLE II. - Continued.

TEST: IA70 TWT 282 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 29 MAY 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe1	δe2	δe3	δe4	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) δBF	0.90	1.12	1.24	1.50	TEST RUN NUMBERS
RF7037	Φ1T12S1P2P8	A	-8	0	0	0	0		0			165		
038	P9		0									167		
039	P10											169		
040	P11		↓									174		
041	P11		+8						↓		175			
042	Φ1T12S1P2P8		0						+10			168		
043			+8						0	137	145	76	117	
044			+4							136	144	79	116	
045			0							138	143	78	115	
046			-4							139	142	80	114	
047			-8	↓	↓	↓	↓			140	141	77	113	
048			+8	+4	+4	+4	+4			94	101	132	108	
049			+4							135	100	131	109	
050			0							95	99	130	110	
051			-4							134	98	129	111	
052			-8	↓	↓	↓	↓			96	97	133	112	
053			+8	+8	+8	+8	+8			150	159	149	102	
054		↓	+4	+8	+8	+8	+8		↓	151	158	125	124	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CHEØ, CHEI, CHET, CHBF, CBW, CTW, MACH, ALPHA

α OR β SCHEDULES: α(A) = −8 to +8; Δα = 2°

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

δe1 = LH OUTBD δe2 = LH INBD

δe3 = RH INBD δe4 = RH OUTBD

TABLE II. - Concluded.

TEST : IA70 TWT 282 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : 29 MAY 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe_1	δe_2	δe_3	δe_4	NO OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) δBF	0.90	1.12	1.24	1.50	TEST RUN NUMBERS
RF7 055	$\Phi_1 T_{12} S_1 P_2 P_8$	A	0	+8	+8	+8	+8		0	152	157	126	103	
056			-4							153	156	128	123	
057			-8							154	155	148	104	
058			+8		+12	+12	+12			93	86	85	118	
059			+4							161	87	84	119	
060			0							92	88	83	120	
061			-4							160	89	81	121	
062			-8							91	90	82	122	
063			+8	-4	0	-4	-4						107	
064			0										106	
065			-8										105	
066	$\Phi_1 T_{12} S_1 P_2 P_9$		0	+8	+8	+8	+8					127		
067	P_9			0	0	0	0					146		
068	P_{10}			0	0	0	0					147		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

CHEØ , CHEI , CHET , CHBF , CBW , CTW , MACH , ALPHA

α OR β SCHEDULES: α(A) = -8 to +8, Δα = 2°

COEFFICIENTS IDVAR (1) IDVAR (2) NDV

δe_1 = LH OUTBD δe_2 = LH INBD

δe_3 = RH INBD δe_4 = RH OUTBD

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: Attach Structure AT9

GENERAL DESCRIPTION: Aft SRB/ET attach structure (3 member structure)

Model Scale: 0.015

DRAWING NO: VL72-000106

DIMENSIONS:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_B	1515	22.725
		Y_B	± 56	± .840
		Z_B	50	.750
		X_T	2058	30.870
		Y_T	± 158	2.370
		Z_T	450	6.75
	#2	X_B	1515	22.725
		Y_B	± 76	± 1.140
		Z_B	18	.270
		X_T	2058	30.870
		Y_T	160	2.400
		Z_T	445	6.675
	#3	X_B	1515	22.725
		Y_B	± 56	± .840
		Z_B	- 50	- .750
		X_T	2058	30.870
		Y_T	± 158	± 2.370
		Z_T	350	5.250

Diameter of Members: TBD

TABLE III. - Continued.

MODEL COMPONENT: Attach Structure AT_{12}

GENERAL DESCRIPTION: Left rear orbiter/ET attach structure (2 member structure)

Model Scale: 0.015

DRAWING NO. VL78-000050

DIMENSION:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_o	1303	19.545
		Y_o	-96	-1.440
		Z_o	258	3.870
		X_T	1859	27.885
		Y_T	115	1.725
		Z_T	510	7.650
	#2	X_o	1317	19.755
		Y_o	-96	-1.440
		Z_o	258	3.870
		X_T	2058	30.870
		Y_T	115	1.725
		Z_T	510	7.650

Diameter of Members: TBD

TABLE III. - Continued.

MODEL COMPONENT: Attach Structure AT_{13}

GENERAL DESCRIPTION: Right rear orbiter/ET attach structure (3 member structure)

Model Scale: 0.015

MODEL NO. VL78-000050

DIMENSION:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_o	1313	19.695
		Y_o	+96	1.44
		Z_o	258	3.870
		X_T	1859	27.885
		Y_T	-115	-1.725
		Z_T	-510	7.650
	#2	X_o	1317	19.755
		Y_o	+96	1.440
		Z_o	258	3.870
		X_T	2058	30.870
		Y_T	-115	-1.725
		Z_T	510	7.650
	#3	X_o	1317	19.755
		Y_o	96	1.440
		Z_o	258	3.870
		X_T	2058	30.870
		Y_T	0	0
		Z_T	566	8.490

Diameter of Members: TBD

TABLE III. - Continued.

MODEL COMPONENT: Attach Structure AT_{14}

GENERAL DESCRIPTION: Forward SRB/ET attach structure

Model Scale: 0.015

DRAWING NO: VL77-000051A

DIMENSION:		FULL SCALE	MODEL SCALE
	X_B	404	6.060
	Y_B	± 177	2.655
	Z_B	0	0
	X_T	947	14.205
	Y_T	± 167	2.505
	Z_T	400	6.000

TABLE III - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT_{15}.

GENERAL DESCRIPTION: Forward attach structure between the orbiter and external tank. Modified to accept Rockwell International Trisonic Wind Tunnel starting loads.

MODEL SCALE: 0.015

MODEL DRAWING NO.: SS-A01166-4

DIMENSIONS:		FULL SCALE	MODEL SCALE
Strut centerline:	X_o	391.00	5.865
	Y_o	0.0	0.0
	X_T	998.87	14.980
	Y_T	0.0	0.0
Strut diameter, In.		33.33	0.500

TABLE III. - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT_{27}

GENERAL DESCRIPTION: Forward attach structure between the orbiter and external tank. Same as AT_{15} except for addition of a wedge fairing fore and aft of the strut.

MODEL SCALE: 0.015

DRAWING NO.: SS-A01255

DIMENSIONS:		FULL SCALE	MODEL SCALE
Wedge Leading Edge:	X_o	291.00	4.365
	Y_o	0.0	0.0
	X_T	1032.00	15.480
	Y_T	0.00	0.00
Length of Fairing, In.		200.00	3.000
Maximum width, In.		37.53	0.563
Leading Edge Radius, In.		4.00	0.060

*REVISED 4/24/74

TABLE III. - Continued.

MODEL COMPONENT BODY - B_{26}

GENERAL DESCRIPTION Configuration 140A/B Orbiter Fuselage

NOTE: B_{26} is identical to B_{24} except underside of fuselage has been refaired to accept W_{116}.

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER VL70-000143B, -000200, 000205, -006089, -000145, -000140A, 000140B

DIMENSIONS	FULL SCALE	MODEL SCALE
*Length (OML: Fwd Sta. X_o=235)-In.	1293.3	19.400
*Length (IML: Fwd Sta. X_o=238)-In.	1290.3	19.350
* Max Width (@ X = 1528.3) - In.	264.0	3.960
Max Depth (@ X_o = 1464) - In.	250.0	3.750
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional	340.88	0.077
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT : Canopy (C_9)

GENERAL DESCRIPTION : Configuration 140 A/B Orbiter Fuselage

Model Scale = 0.015 Model Drawing No. SS-A00147

DRAWING NUMBER : VL70-000140A
VL70-000143A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o=434.643 to 578), in.	143.357	2.150
Max Width (@ X_o=513.127), in	152.412	2.286
Max Depth (@ X_o=485.0), in	25.000	0.375
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: ALTERNATE SLOTTED ELEVON - E_{37}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Elevon.

E_{37} is a slotted version of E_{26}. Data is for one side.

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER: VL70-000200, -006089, -006092 and Fig. 4A of SAS/AERO/76-643

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.00	0.0473
Span (equivalent) - In.	349.20	5.238
Inb'd equivalent chord In.	118.00	1.770
Outb'd equivalent chord	55.19	0.828
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
Area Moment (Normal to hinge line) Ft^3	1587.25	0.00536

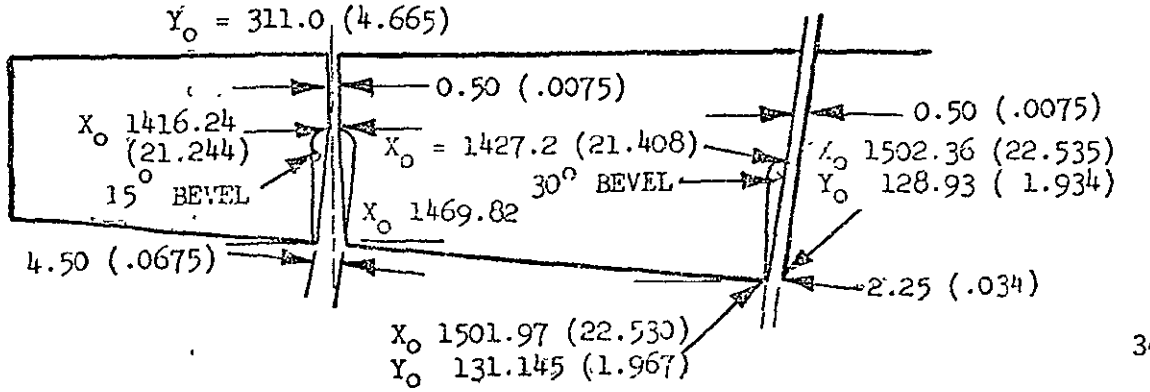


TABLE III. - Continued.

MODEL COMPONENT BODY FLAP - F_7

GENERAL DESCRIPTION Configuration 140A/B Orbiter Body Flap

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER VL70-000140A, VL70-000145, VL70-000200

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (Y_o=1520 to X_o=1613) - In.	93.000*	1.395
Max Width - In.	262.000	3.930
Max Depth (X_o = 1520) - In.	23.000	0.345
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional		
Planform	142.6	0.0321
Wetted		
Base	41.847	0.0094

*Model dim. measured from Model Sta. 15.20

TABLE III. - Continued.

MODEL COMPONENT: FEEDLINE - FL_1

GENERAL DESCRIPTION: LOX feedline between ET and Orbiter.

MODEL SCALE: 0.015

DRAWING NO.: VL78-000050

DIMENSIONS:		FULL SCALE	MODEL SCALE
Centerline at:	X_T	2063.5	30.953
	Y_T	+ 70.0	+ 1.050
	X_O	1440.6	21.609
	Y_O	70.0	1.050
Diameter		18.5	0.278

TABLE III. - Continued.

MODEL COMPONENT: FEEDLINE - FL_2

GENERAL DESCRIPTION: LH_2 feedline between ET and Orbiter.

MODEL SCALE: 0.015

DRAWING NO.: VL78-000050

DIMENSIONS:		FULL SCALE	MODEL SCALE
Centerline at:	X_T	2063.5	30.953
	Y_T	- 70.00	- 1.050
	X_o	1330.5	19.958
	Y_o	- 70.00	-1.050
Diameter		18.5	0.278

TABLE III. - Continued.

MODEL COMPONENT: REAR ATTACH STRUCTURE FAIRING - FR_6

GENERAL DESCRIPTION: Rear ET/Orbiter attach structure cross-member or beam fairing used in conjunction with AT_{12}, AT_{13}, FL_1 and FL_2. Includes diagonal strut.

MODEL SCALE: 0.015
DRAWING NO: VL78-000062B, SS-A01256

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading Edge centerline at:	X_T	2036.67	30.550
	Y_T	0.00	0.00
	Z_T	183.00	2.745
Maximum length, In.		64.00	0.960
Maximum width, In.		190.00	2.850

TABLE III. - Continued.

MODEL COMPONENT : OMS Pod (M_7)

GENERAL DESCRIPTION : Configuration 140 A/B Orbiter OMS-Pod

Model Scale = 0.015 Model Drawing No. SS-A00147

DRAWING NUMBER : VL70-000140A
VL70-000145

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o=1233.0) -IN.	327.000	4.905
Max Width (@ X_o=1450.0) - IN.	94.5	1.418
Max Depth (@ X_o=1493.0) - IN.	109.000	1.635
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - (N 28)

GENERAL DESCRIPTION: Configuration 140 A/B Orbiter OMS Nozzle

MODEL SCALE = 0.015 Model Drawing No. SS-A00147

DRAWING NO. VL70-000140A, VL70-000145

DIMENSIONS	FULL SCALE	MODEL SCALE
Mach No.		
Length ~ in.		
Gimbal Point to Exit Plane		
Throat to Exit Plane		
Diameter ~ in.		
Exit		
Throat		
Inlet		
Area ~ ft^2		
Exit		
Throat		
Gimbal Point (station) ~ in.		
X	1518.00	22.77
Y	± 88.0	1.32
Z	492.0	7.38
Null Position ~ deg.		
Pitch	15° 49'	15° 49'
Yaw	12° 17'	12° 17'

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - N41

GENERAL DESCRIPTION: Configuration 4 BSRM Nozzles

MODEL SCALE = 0.015

DRAWING NO. VL72-000088E
VL77-000036A

DIMENSIONS	FULL SCALE	MODEL SCALE
Mach No.		
Length ~ in.		
Gimbal Point to Exit Plane	141.3	2.120
Throat to Exit Plane		
Diameter ~ in.		
Exit	141.3	2.120
Throat		
Inlet		
Area ~ ft^2.		
Exit	108.89 95	0.0245
Throat		
Gimbal Point (station) ~ in.		
X	1796.15	26.942
Y	±243.0	±3.645
Z	400.0	6.0
Null Position ~ deg.		
Pitch	0°	0°
Yaw	0°	0°
FS of Nozzle Exit Plane (X_T) IN.	2484	37.260

TABLE III. - Continued.

MODEL COMPONENT: SRB Protuberance PS1

DESCRIPTION: Electrical tunnel fairing on top of each SRB

MODEL SCALE: 0.015

DRAWING NO: VL77-000036A

DIMENSION: (Data for 1 of 2)

	FULL SCALE	MODEL SCALE
Leading edge at X_B	467	7.001
℄ of tunnel Y_B	0	0
Trailing edge at X_B	1820	27.30
Height, in.	3	.045
Width, in.	6	.090
Λ_{LE}, deg.	72	72

TABLE III. - Continued.

MODEL COMPONENT: SRB Protuberance PS_2

DESCRIPTION: SRB/ET attach ring

MODEL SCALE: 0.015

DRAWING NO.: VL77-000036A

DIMENSIONS: (Data for 1 of 2)

	FULL SCALE	MODEL SCALE
℄ at X_B	1515	22.725
Width, in.	10	.15
Heighth, in.	10	.15

TABLE III. - Continued.

MODEL COMPONENT: SRB Protuberance PS_3

DESCRIPTION: Separation rocket fairing on each SRB nozzle shroud located 30° inboard from top centerline.

MODEL SCALE: 0.015

DRAWING NO.: VL77-000036A

DIMENSIONS: (Data for 1 of 2)

	FULL SCALE	MODEL SCALE
Leading edge at X_B	1796	26.940
Trailing edge at X_B	1889	28.335

Radial location is 30° inboard from top centerline.

TABLE III. - Continued.

MODEL COMPONENT: ET Protuberance PT_1

DESCRIPTION: LOX Vent Line Fairing on Tank T_{12} Nose

MODEL SCALE: .015

DRAWING NO. VL78-000031A

		FULL SCALE	MODEL SCALE
DIMENSIONS:	Leading edge at X_T	321	4.815
	Y_T	0	0
	Trailing edge at X_T	947	14.205
	Y_T	-70	1.053

TABLE III. - Continued.

MODEL COMPONENT: ET Protuberance PT_2

DESCRIPTION: LOX feed lines on vehicle 4 tank secured to tank by brackets with 50-inch spacing

MODEL SCALE: 0.015

DRAWING NO. VL78-000031A

		FULL SCALE	MODEL SCALE
DIMENSIONS:	Leading edge at X_T	947	14.205
	Y_T	-70	-1.053
	Trailing edge at X_T	1330	19.950
	Y_T	-70	-1.053
	Bracket spacing from X_T = 997, in.	50	.75

TABLE III. - Continued.

MODEL COMPONENT: ET Protuberance PT3

DESCRIPTION: LH_2 feed line on vehicle 4 tank secured to tank by brackets with 50-inch spacing.

MODEL SCALE: 0.015

DRAWING NO. VL78-000031A

		FULL SCALE	MODEL SCALE
DIMENSIONS:	Leading edge at X_T	947	14.205
	Y_T	70	1.053
	Trailing edge at X_T	1330	19.950
	Y_T	70	1.053
	Bracket spacing from X_T = 997, in.	50	.75

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R5

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Rudder

Model Scale = 0.015 Model Drawing No. SS-A00148

DRAWING NUMBER: VL70-000146A
VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area, ft^2	100.15	0.0225
Span (equivalent), in	201.0	3.015
Inb'd equivalent chord, in	91.585	1.374
Outb'd equivalent chord, in	50.833	0.762
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Tailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Normal to hinge line), ft^3 (Product of Area and Mean Chord)	610.92	0.00206
*. Mean Aerodynamic Chord, in	73.2	1.098

TABLE III. - Continued.

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - (S12)

GENERAL DESCRIPTION: Configuration 3A, Data for (1) of (2) sides, per Rockwell Lines VL77-000036A

Model Scale = 0.015

DRAWING NUMBER VL72-000088D VL77-000036A

DIMENSION:	FULL SCALE	MODEL SCALE
Length (Includes Nozzle) - IN.	1741.0	26.115
Max Width (Tank Dia) - IN.	142.3	2.135
Max Depth (Aft Shroud) - IN.	192.0	2.880
Fineness Ratio	9.06771	9.06771
Area - FT^2		
Max Cross-Sectional	201.06193	0.0452
Planform		
Wetted		
Base		
WP of BSRM Centerline (Z_T) - IN.	400	6.000
FS of BSRM Nose (X_T) - IN.	743	11.145

MODEL COMPONENT: EXTERNAL TANK - (T12)

GENERAL DESCRIPTION: External Oxygen Hydrogen Tank

NOTE: Identical to T11 with external fuel lines added

Model Scale - 0.015

DRAWING NUMBER VL78-000031A
VL78-000041VB

DIMENSION:	FULL SCALE	MODEL SCALE
Length - IN. (Nose @ X_T = 309)	1865	27.975
Max Width (Dia) - IN.	324	4.86
Max Depth, IN.		
Fineness Ratio	5.75617	5.75617
Area - FT^2		
Max Cross-Sectional	572.555	0.1288
Planform		
Wetted		
Base		
WP of Tank Centerline (Z_T) - IN.	400.0	6.000

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V 8

GENERAL DESCRIPTION: Configuration 140 A/B Orbiter Vertical Tail

NOIT: Similar to V5 with radius on TE upper corner and LE lower corner where vertical meets fuselage.

Model Scale = 0.015 Model Drawing No. SS-A00148

DRAWING NUMBER: VL70-000140A
VL70-000146A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2	413.253	0.09298
Planform		
Span (Theo) In	315.720	4.73580
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.40399	0.40399
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	26.20	26.20
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	4.02750
Tip (Theo) WP	108.470	1.62705
MAC	199.80756	2.99711
Fus. Sta. of .25 MAC	1463.50	21.95250
W. P. of .25 MAC	635.522	9.53283
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.00	10.00
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius	2.00	0.0300
Void Area	13.17	0.00296
Blanketed Area	0.00	0.00

TABLE III. - Concluded.

MODEL COMPONENT: Wing, W116

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Double Delta Wing.

Model Scale = .015

DRAWING NUMBER: VL70-000140B
VL70-000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, ft^2 (Theoretical)		
Planform	2690.00	0.6053
Wetted		
Span (equivalent), in	936.682	14.050
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Diehedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Toe-In Angle	0.0	0.0
Cant Angle	0.0	0.0
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Wing Sta. 0.0)	689.243	10.339
Tip, (equivalent)	137.849	2.068
MAC	474.812	7.122
Fus. Sta. of .25 MAC	1136.830	17.052
W.P. of .25 MAC	290.580	4.359
B.L. of .25 MAC	182.130	2.732
Airfoil Section		
Root	Mod. NASA	XXXX-64
Tip		
EXPOSED DATA		
Area, ft^2 (Theo.)	1751.500	0.3941
Span, (equivalent), in (Theo.)	720.680	10.081
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords, in.		
Root B.P. 108	562.090	8.431
Tip	137.851	2.068
MAC	392.830	5.892
Fus. Sta. of .25 MAC	1185.980	17.790
W.P. of .25 MAC	294.300	4.415
B.L. of .25 MAC	251.770	3.777
Cuff Data for 1 of 2 sides, Area, ft^2	113.18	1.698
L.E. intersects fus. ML @ Sta.	500.00	7.500
" " wing @ Sta.	1024.00	15.360

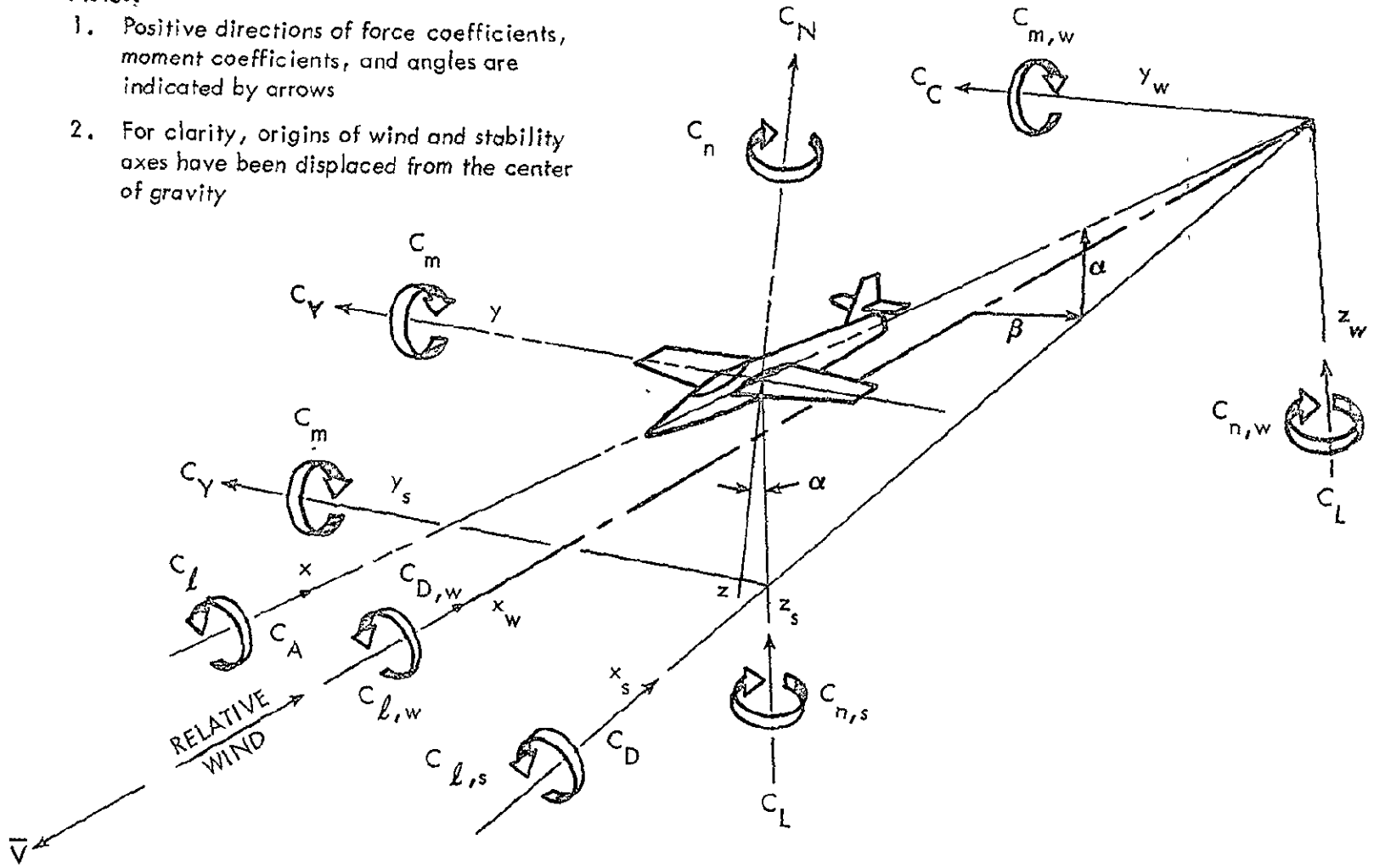
TABLE IV. - PRESSURE INSTRUMENTATION

Inboard Station Y_o = 204.00 c = 449.06 in			Outboard Station Y_o = 361.00 c = 264.22 in		
Tap No.	X/C	Surface	Tap No.	X/C	Surface
1	0	LE	26	0	LE
2	0.030	upper	27	0.02	upper
3	0.048	upper	28	0.05	upper
4	0.085	upper	29	0.15	upper
5	0.177	upper	30	0.25	upper
6	0.274	upper	31	0.65	upper
7	0.402	upper	32	0.75	upper
8	0.565	upper	33	0.85	upper
9	0.760	upper	34	0.95	upper
10	0.808	upper	35	0.02	lower
11	0.857	upper	36	0.05	lower
12	0.905	upper	37	0.15	lower
13	0.953	upper	38	0.25	lower
14	0.030	lower	39	0.65	lower
15	0.048	lower	40	0.75	lower
16	0.085	lower	41	0.85	lower
17	0.177	lower	42	0.95	lower
18	0.274	lower			
19	0.402	lower			
20	0.565	lower			
21	0.760	lower			
22	0.808	lower			
23	0.857	lower			
24	0.905	lower			
25	0.953	lower			

For Right Hand Wing Panel

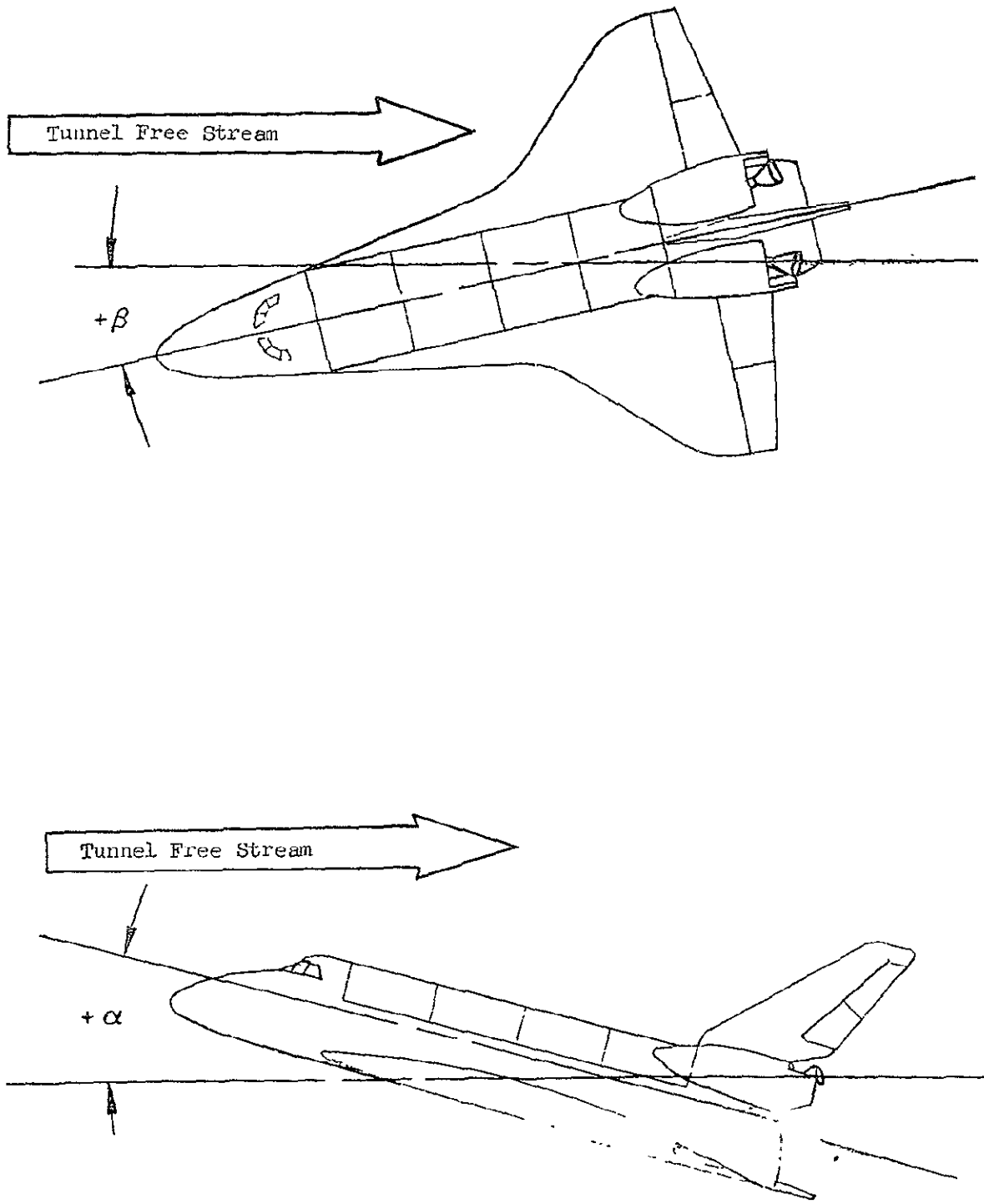
Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



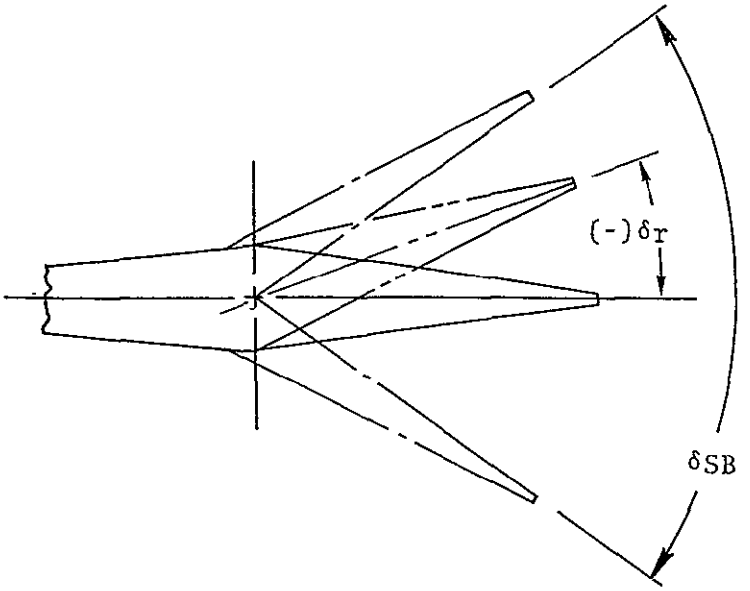
a. General

Figure 1. - Axis systems.

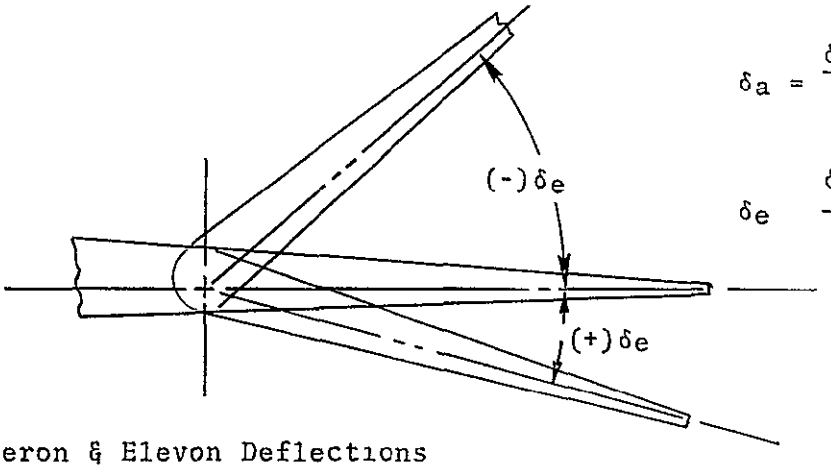


b. Model Attitude Definition

Figure 1. - Continued.



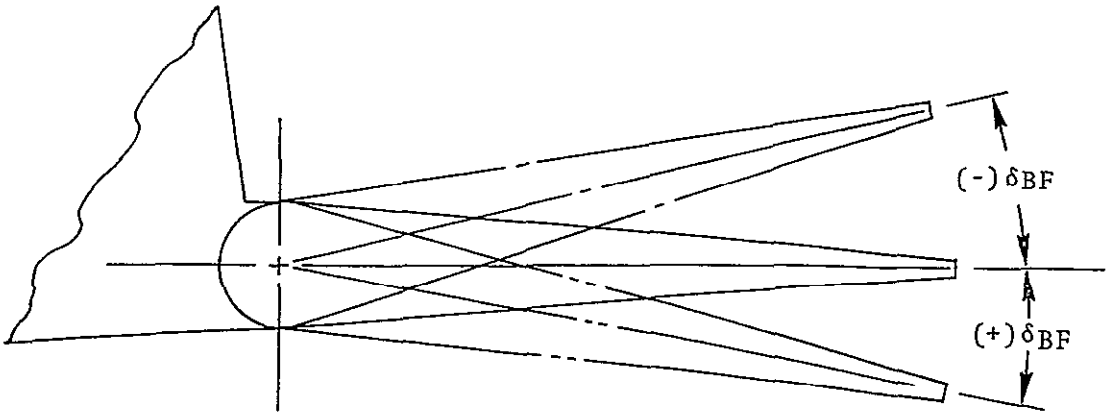
Rudder and
Speed Brake
Deflections



$$\delta_a = \frac{\delta_{eL} - \delta_{eR}}{2}$$

$$\delta_e \quad \frac{\delta_{e_{L+}} \delta_{e_R}}{2}$$

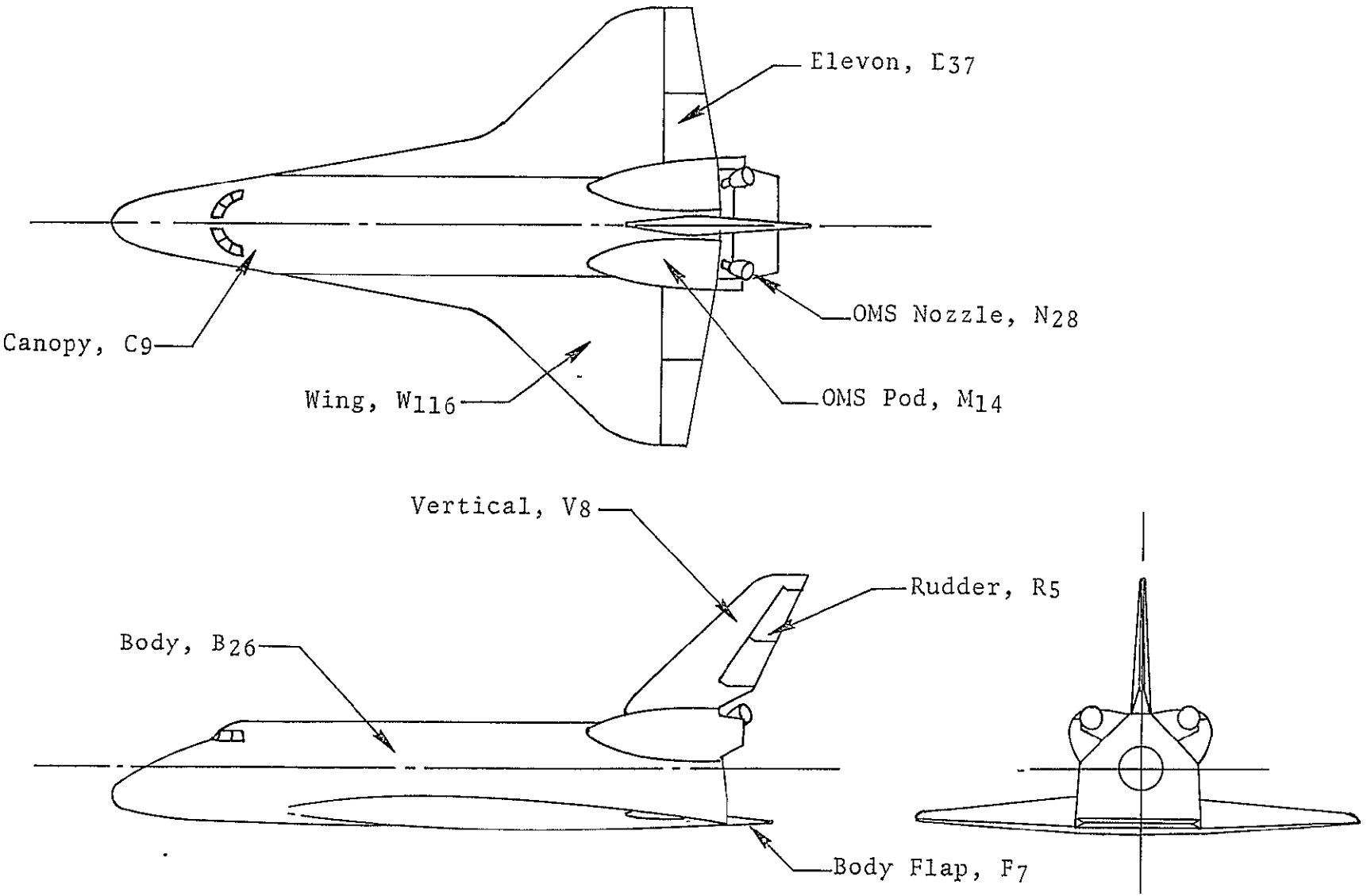
Aileron & Elevon Deflections



Body Flap Deflections

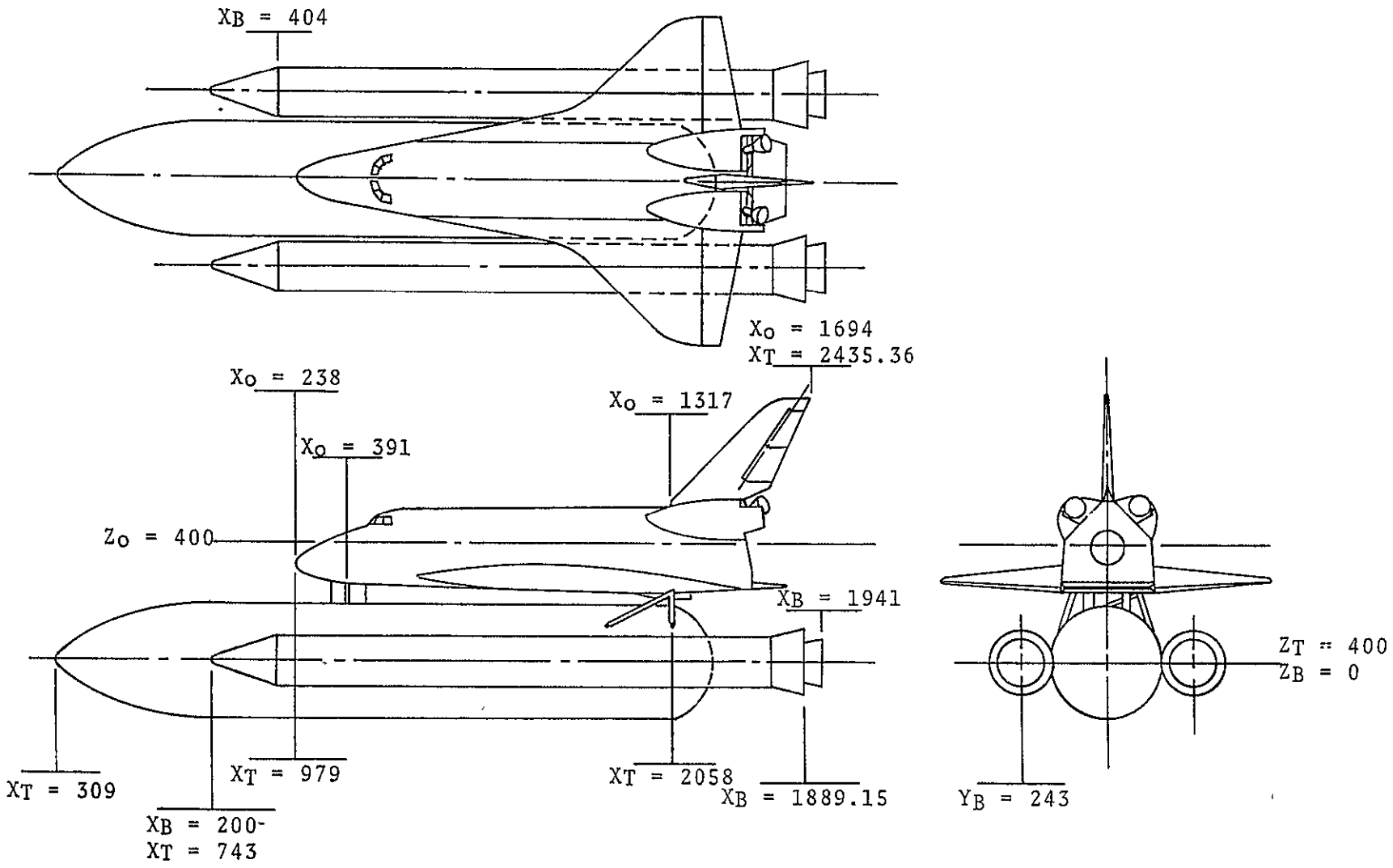
c. Sign Convention for Control Surfaces

Figure 1. - Concluded.



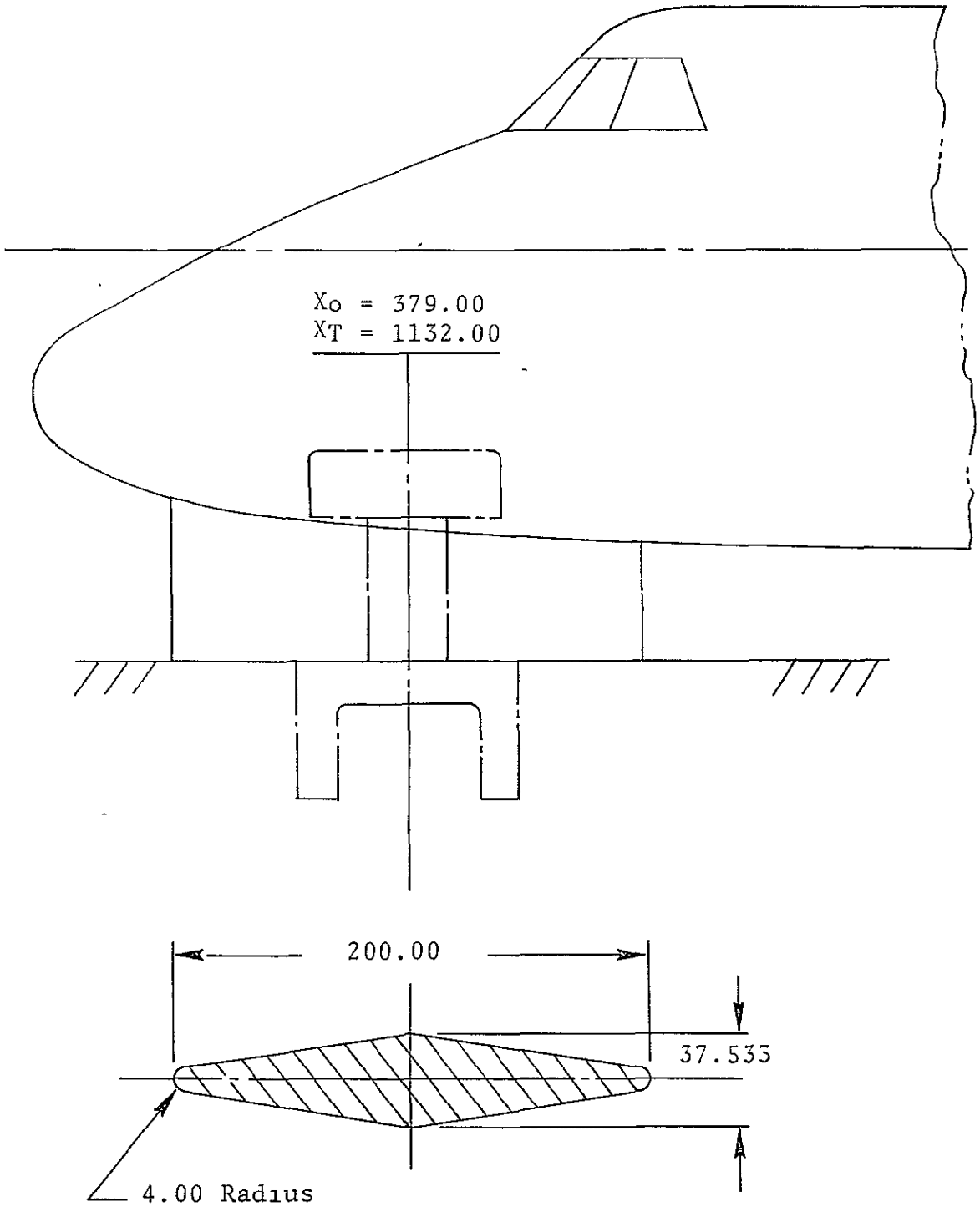
a. General Arrangement, - 140A/B Orbiter

Figure 2. - Model sketches.



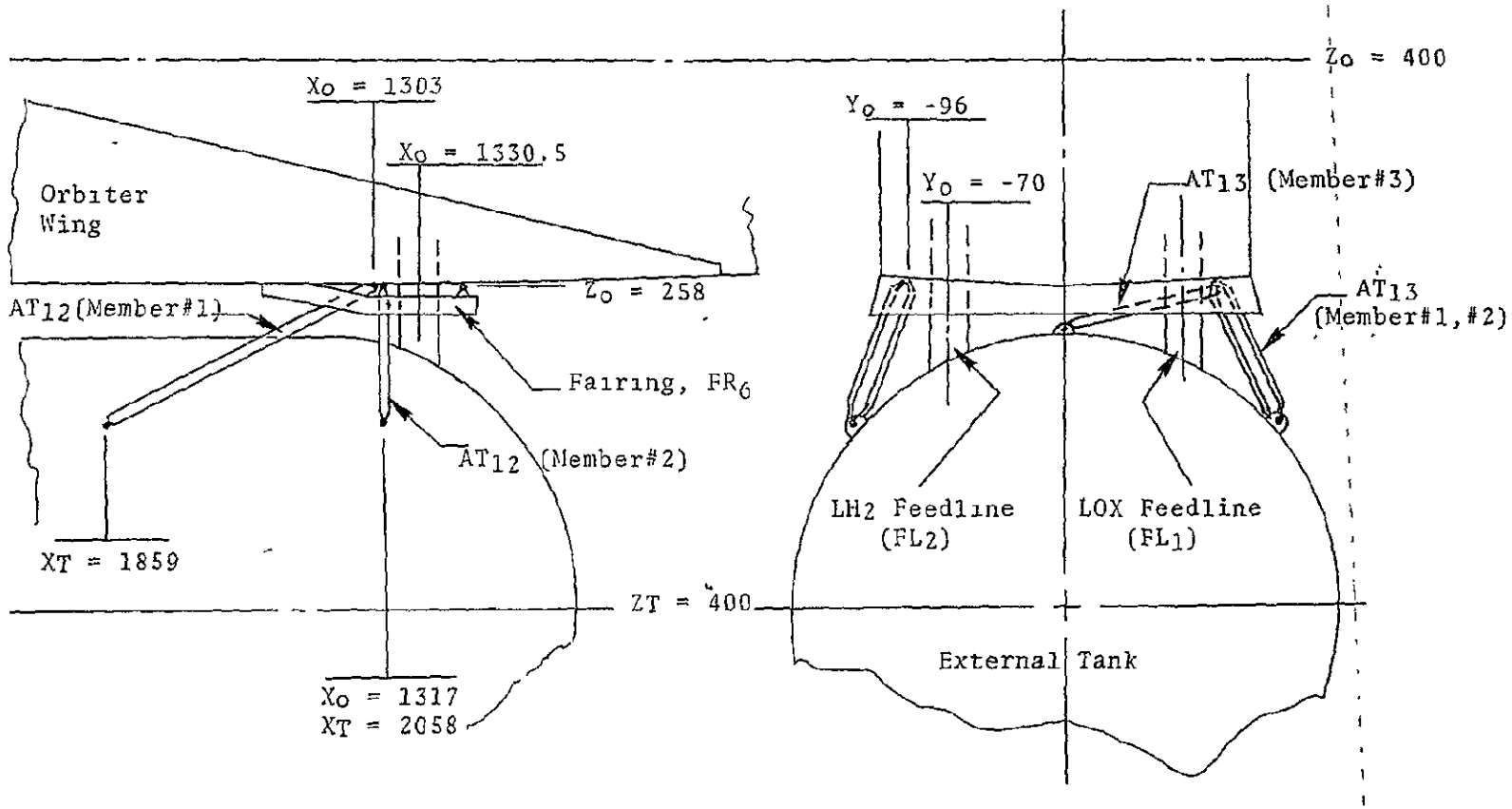
b. Mated Vehicle Configuration

Figure 2. – Continued.



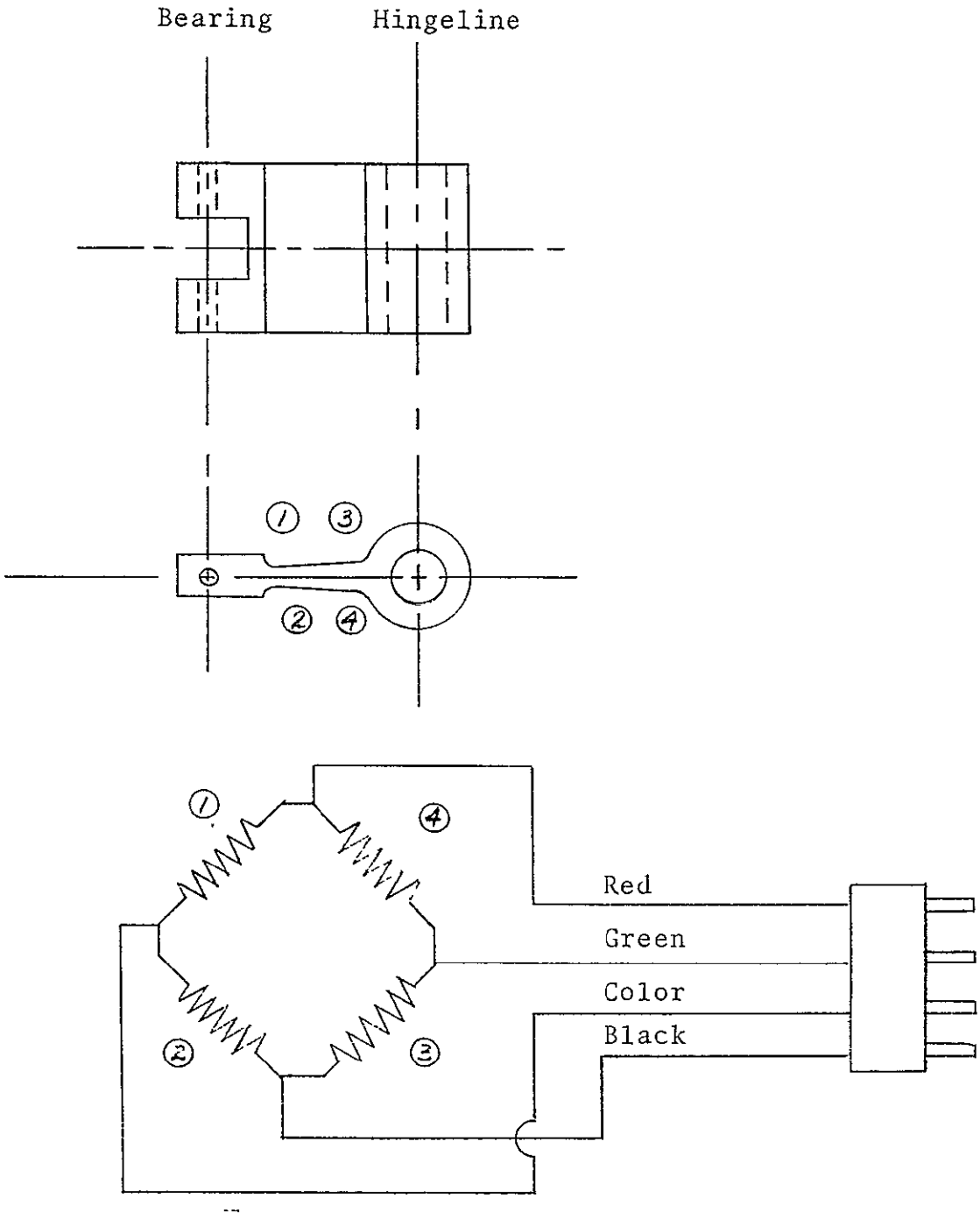
c. Forward Orbiter/ET Attach Hardware

Figure 2. - Continued.



d. Aft Orbiter/ET Attach Hardware

Figure 2. - Continued.

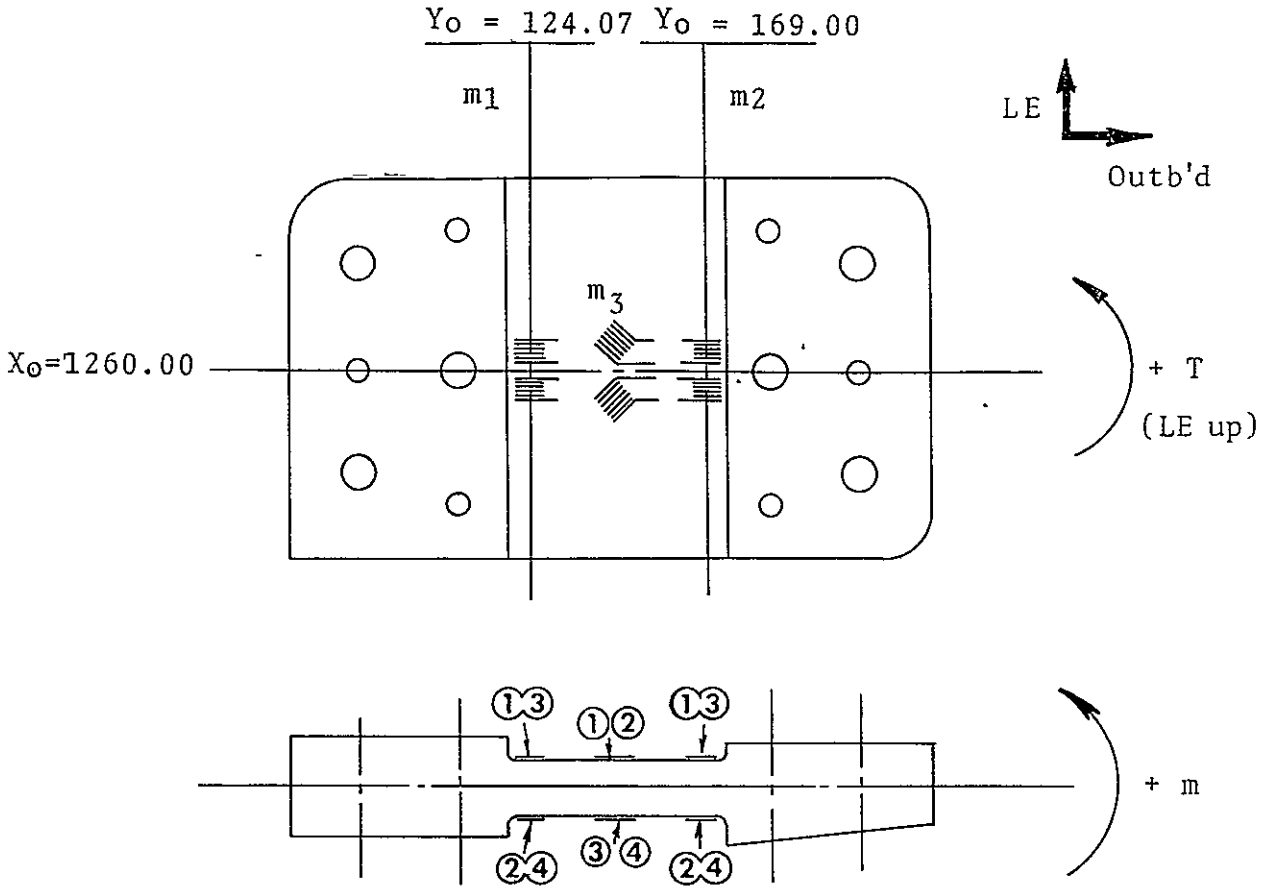


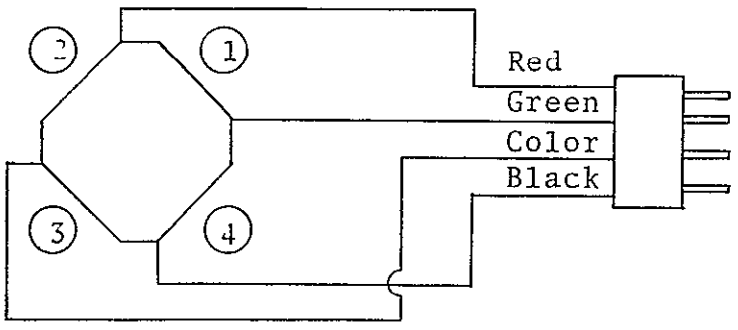
Color Code

Inboard Elevon	Grey
Outboard Elevon	Yellow
Body Flap	Orange

e. Elevon and Bodyflap Hinge Moment Gage

Figure 2. - Continued.





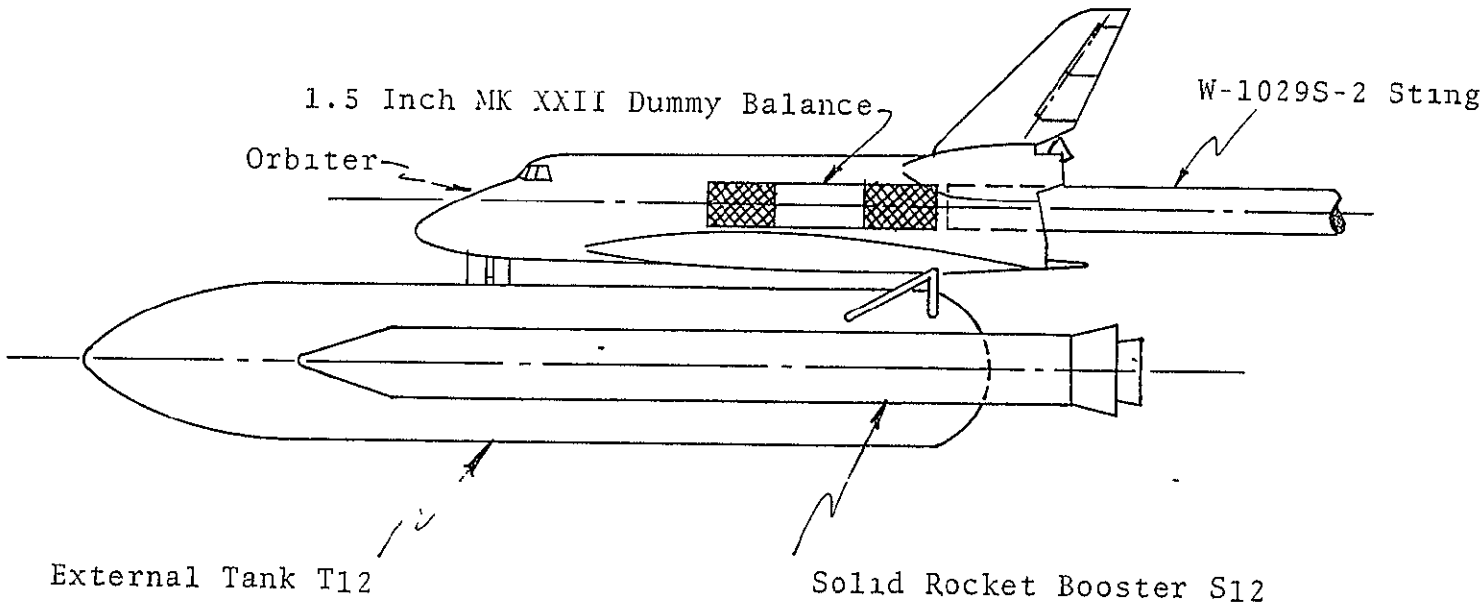
Gage Schematic

Color Code

m1	Blue
m2	White
m3	Purple

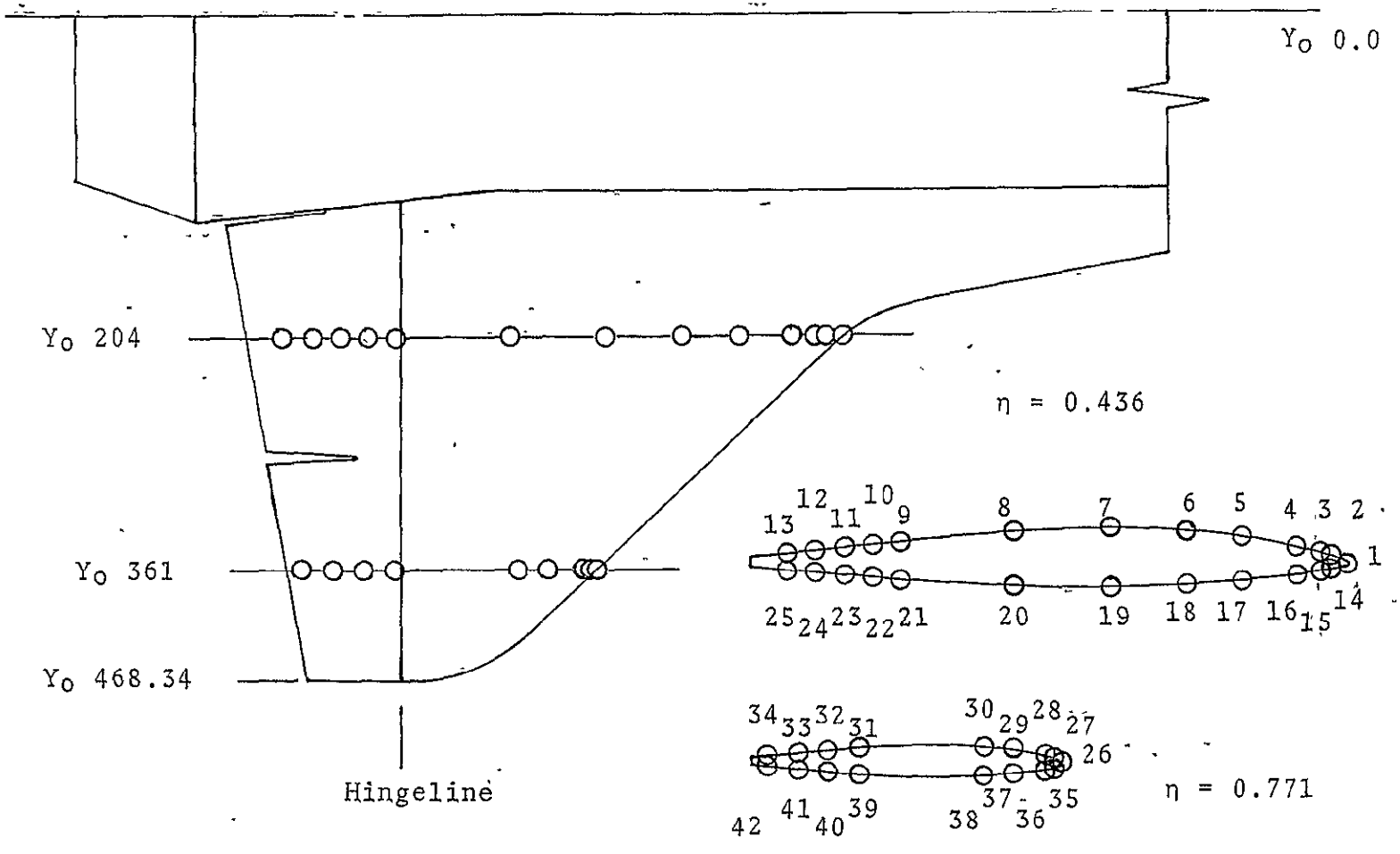
f. Wing Bending And Torsion Gagé

Figure 2. - Continued.



g. Installation Sketch

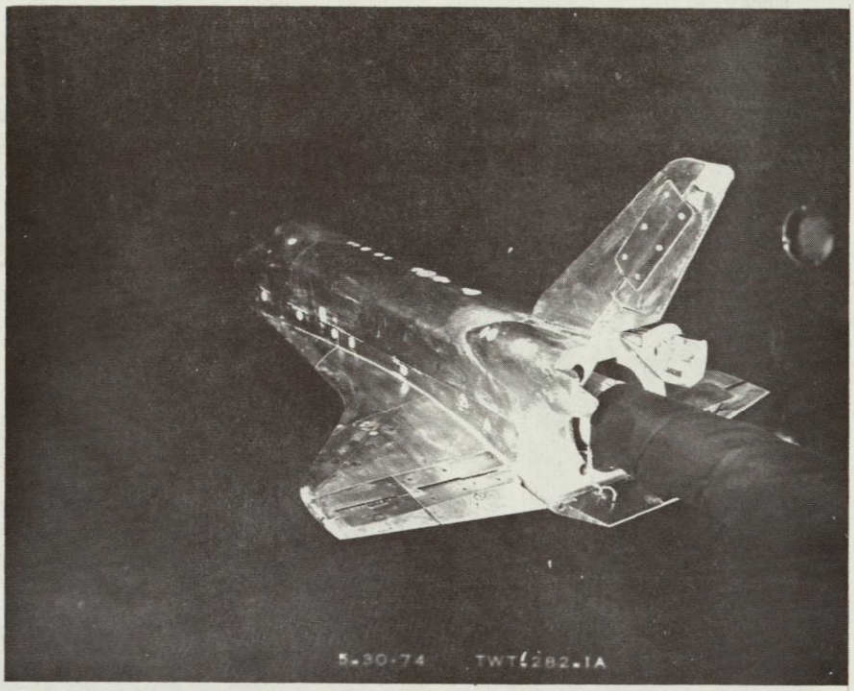
Figure 2. - Continued.



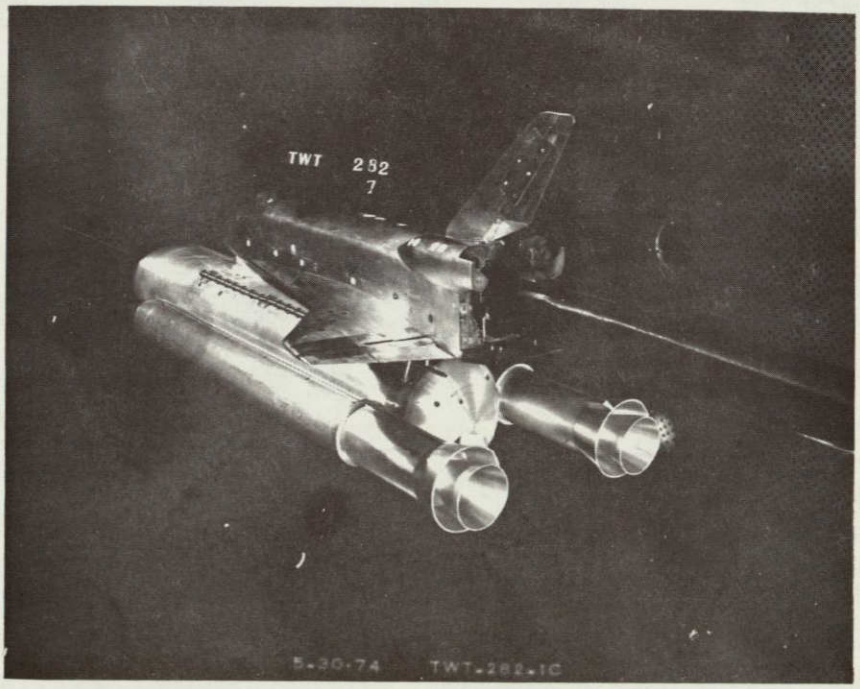
Notes:
(1) Full Scale Dimensions
(2) Pressure Orifices are for Right-Hand Wing
(3) See Table IV for X/C Locations

h. Orbiter Wing Pressure Tap Locations

Figure 2. - Concluded.

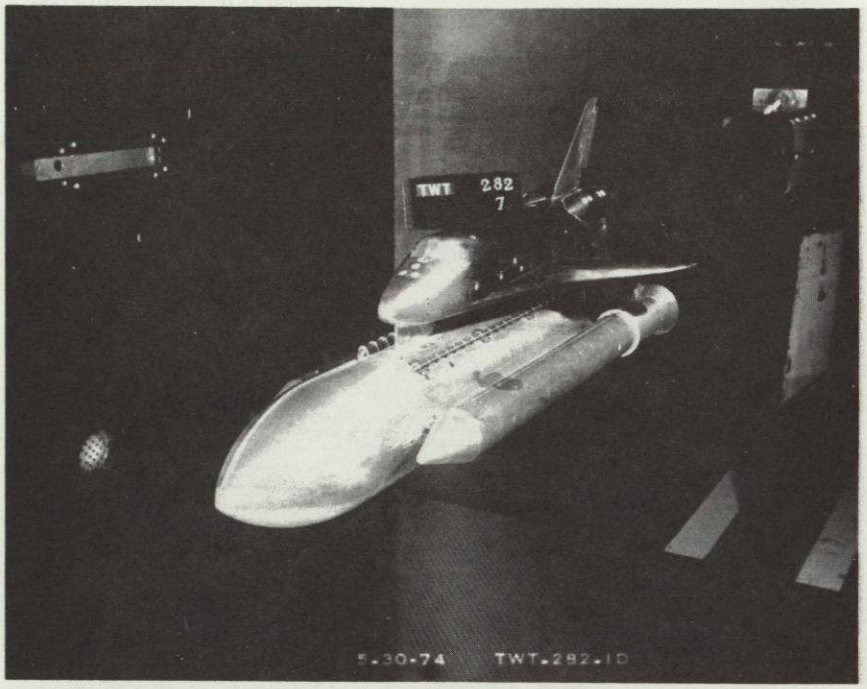


a. Aft View, TWT Installation Orbiter
B_{26} C_9 M_7 F_7 W_{116} E_7 V_8 R_{15}



b. Aft View, TWT Installation Orbiter + Eternal Tank + Solid Rocket Motors

Figure 3. - Model installation.



c. Front View, TWT Installation Orbiter + External Tank + Solid Rocket Motors

Figure 3. - Concluded.

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

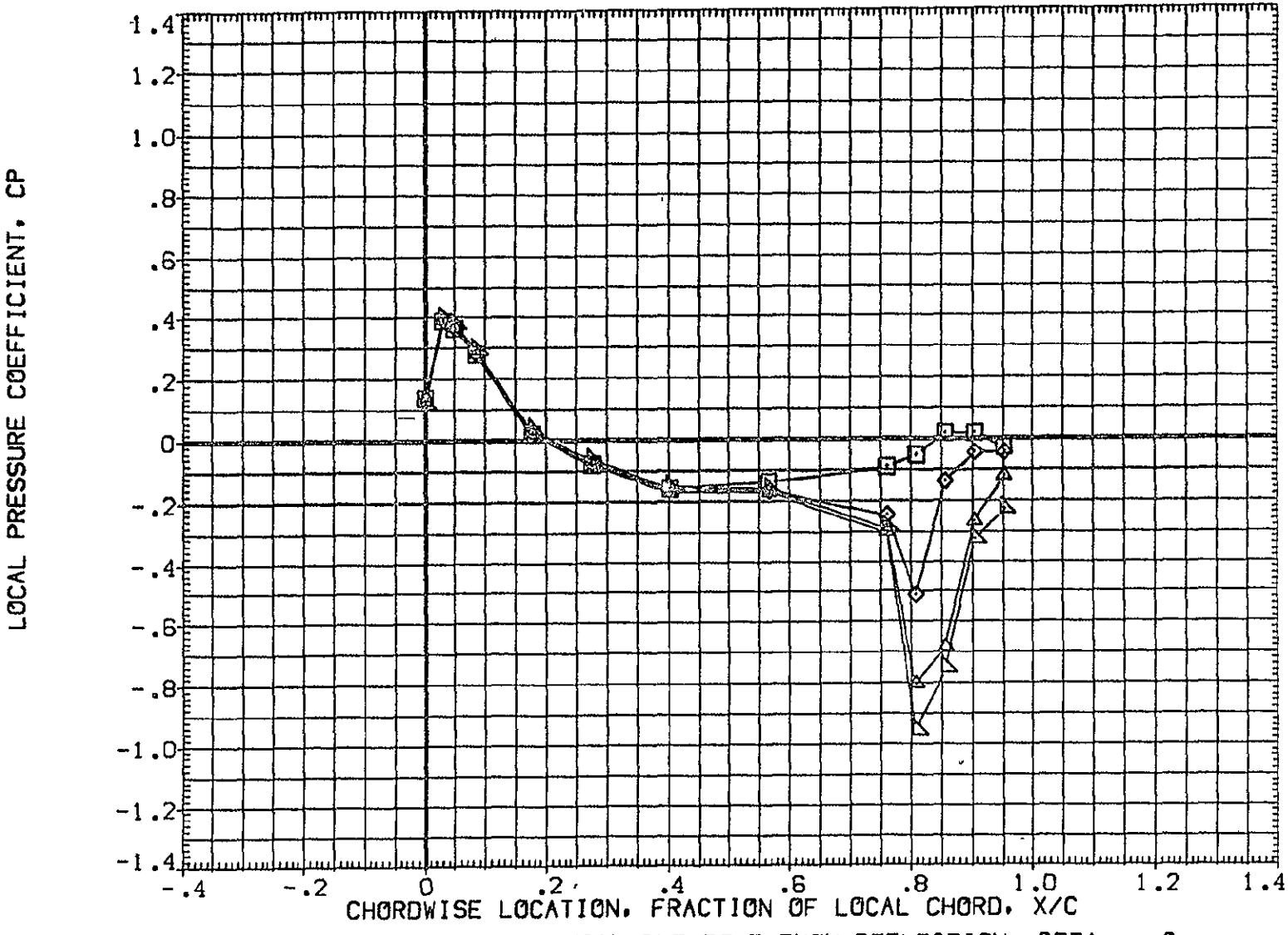

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

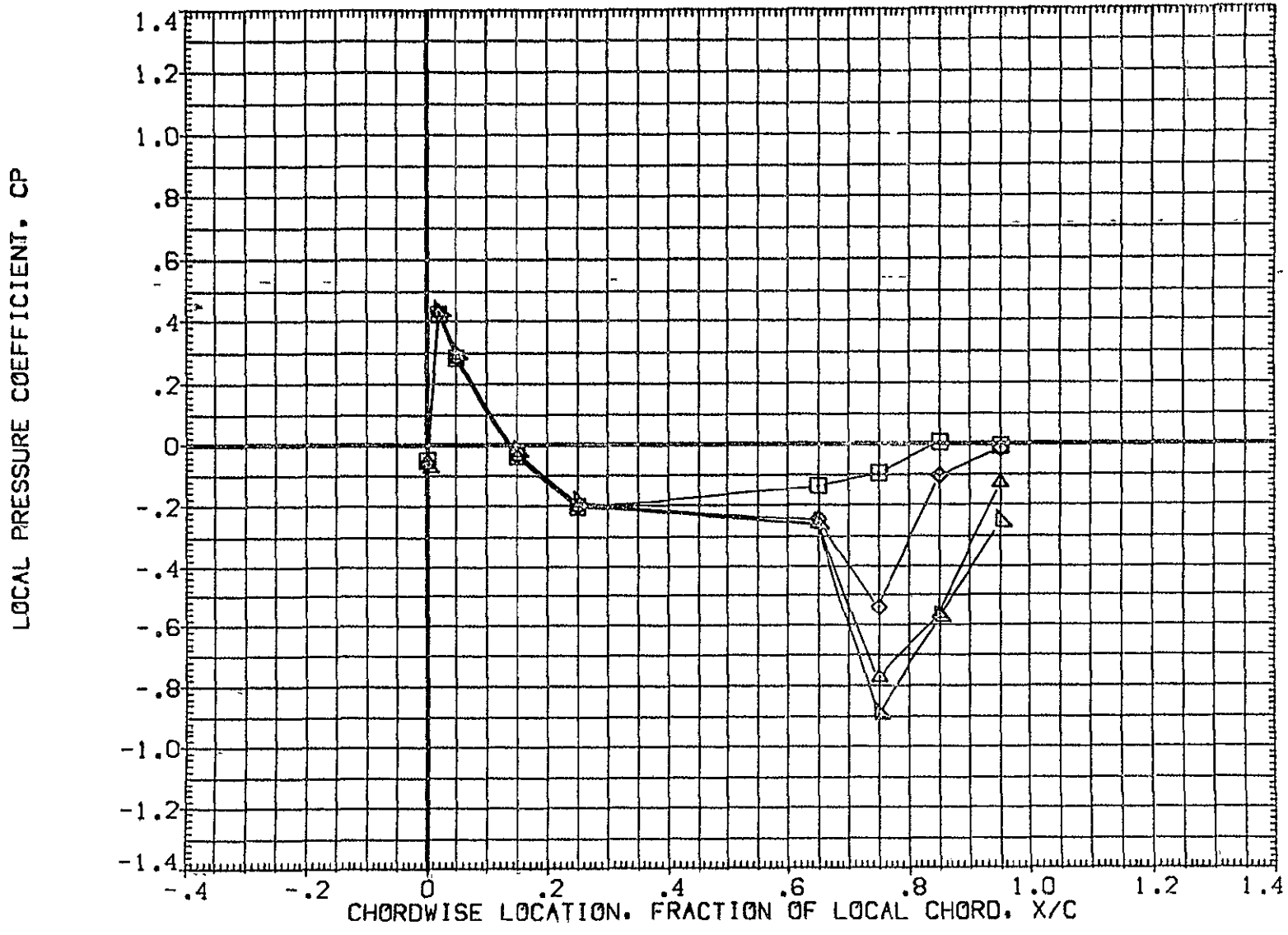

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

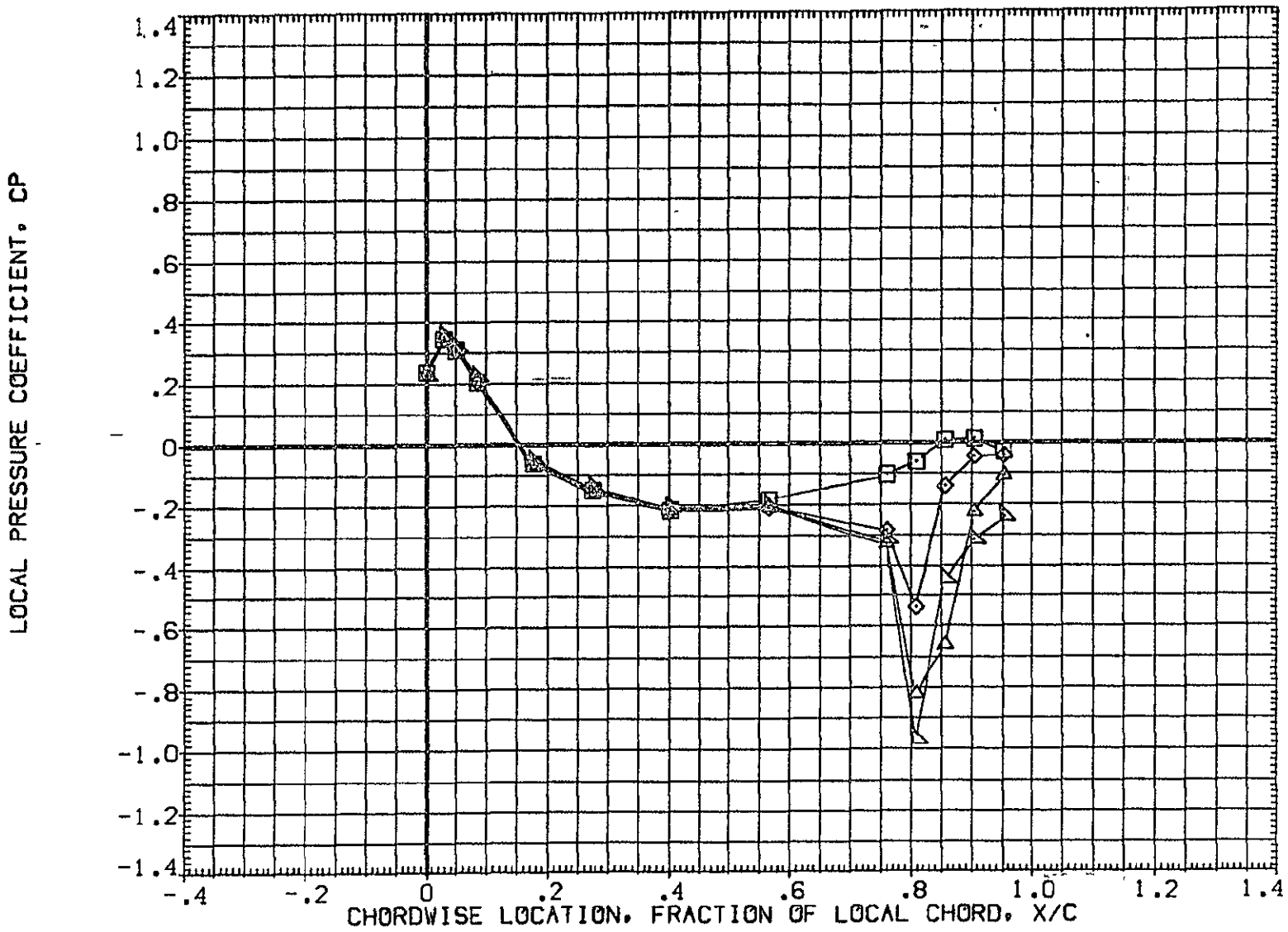

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

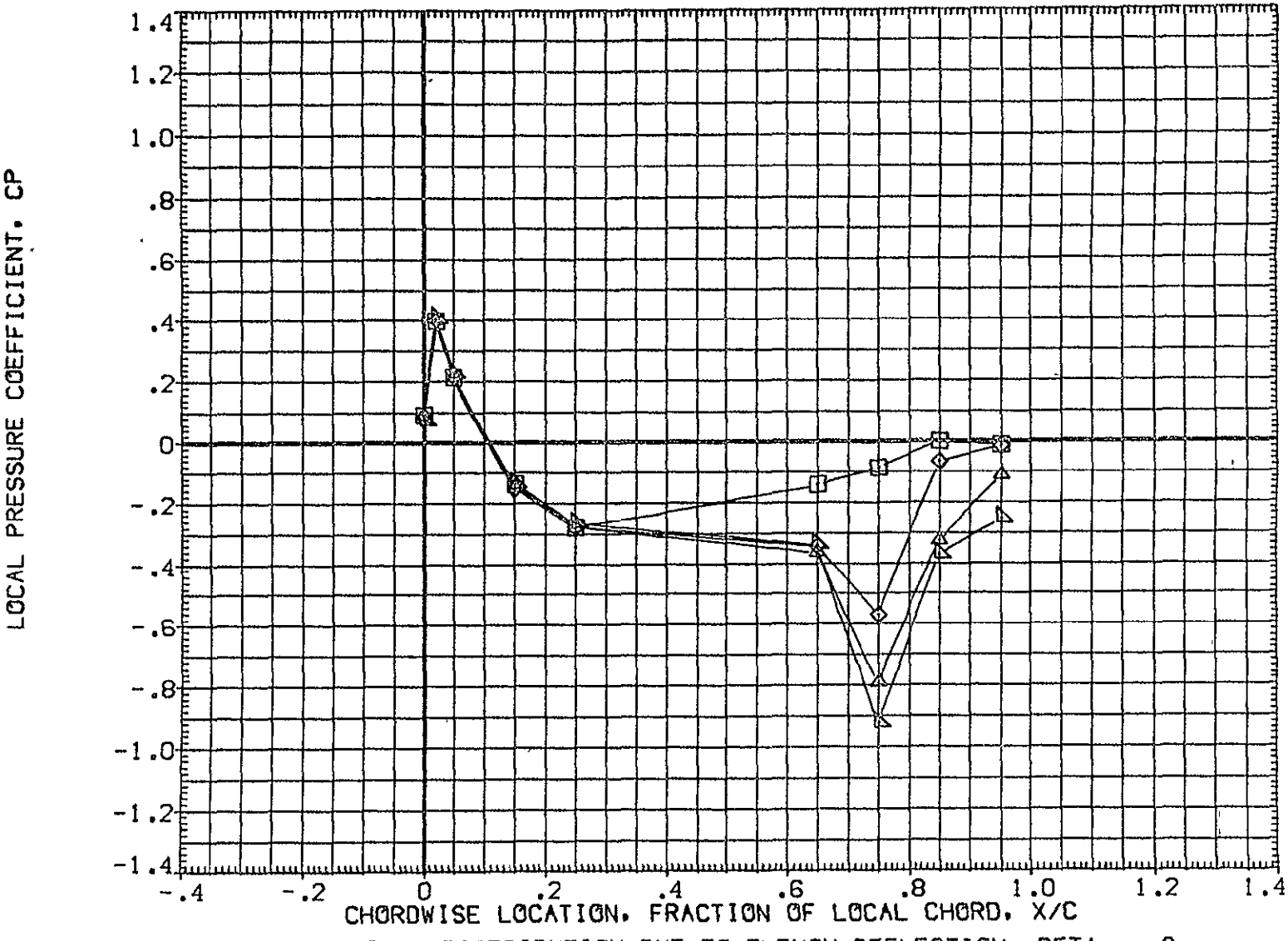

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

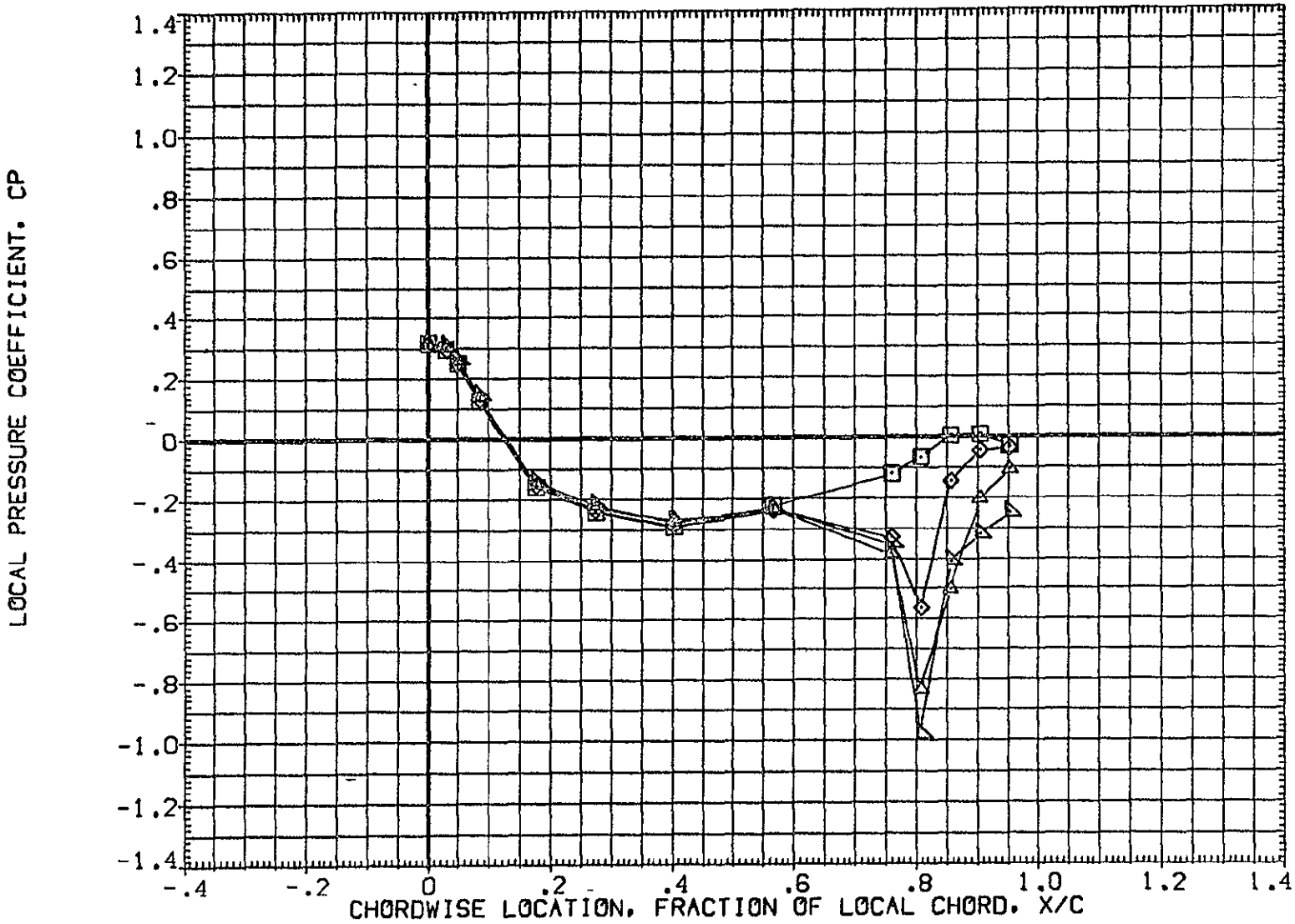

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

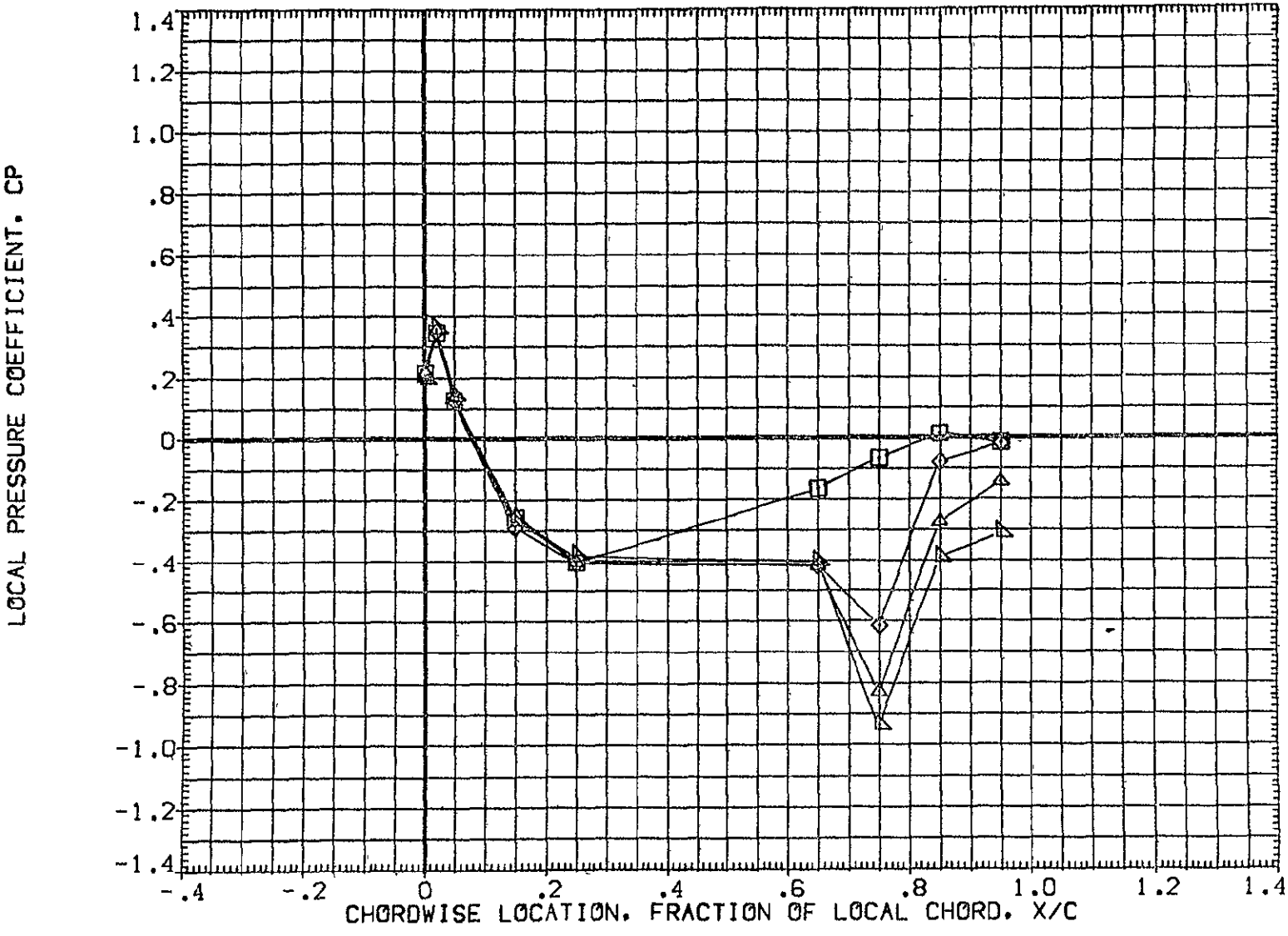

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

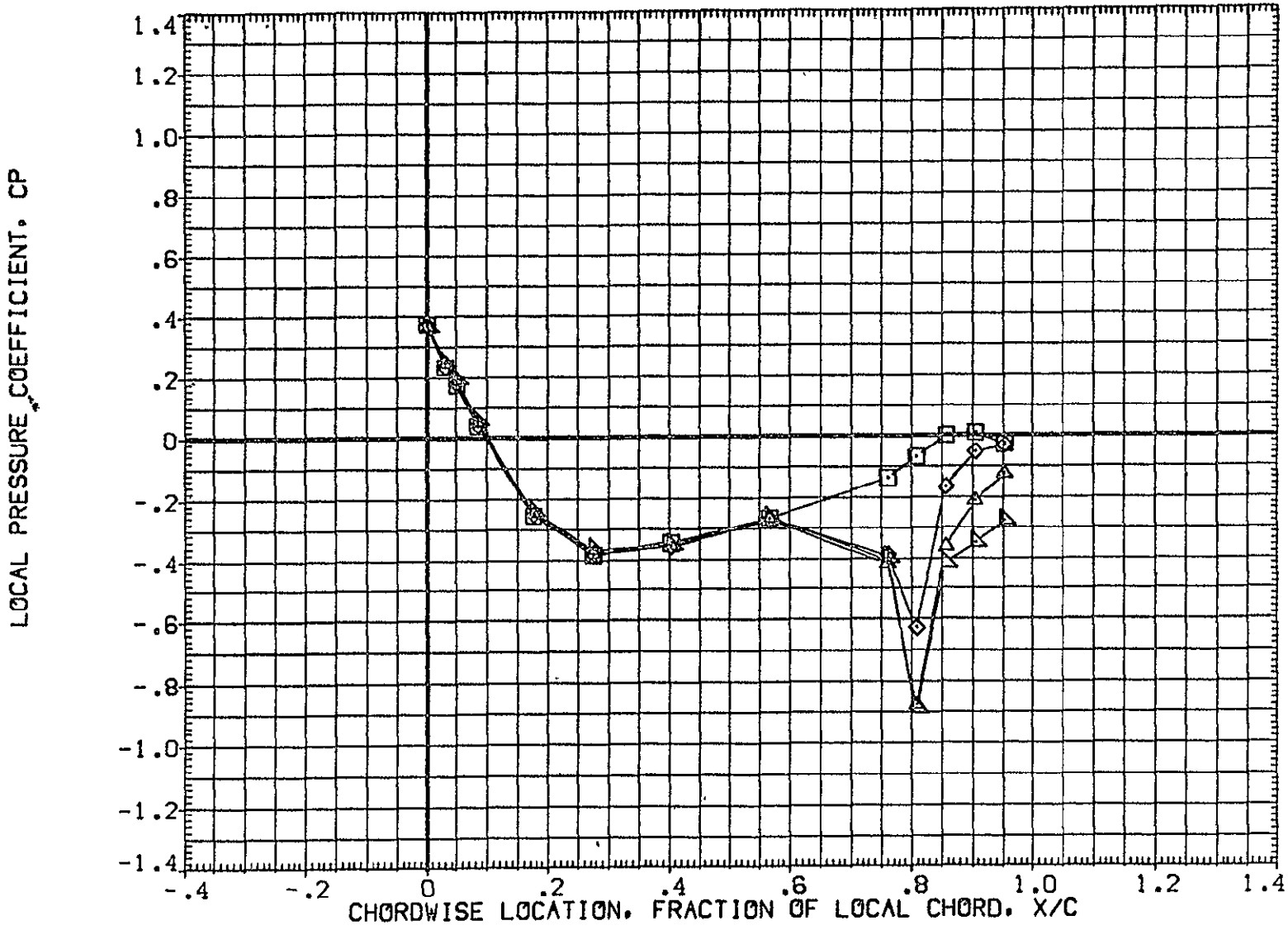

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
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(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

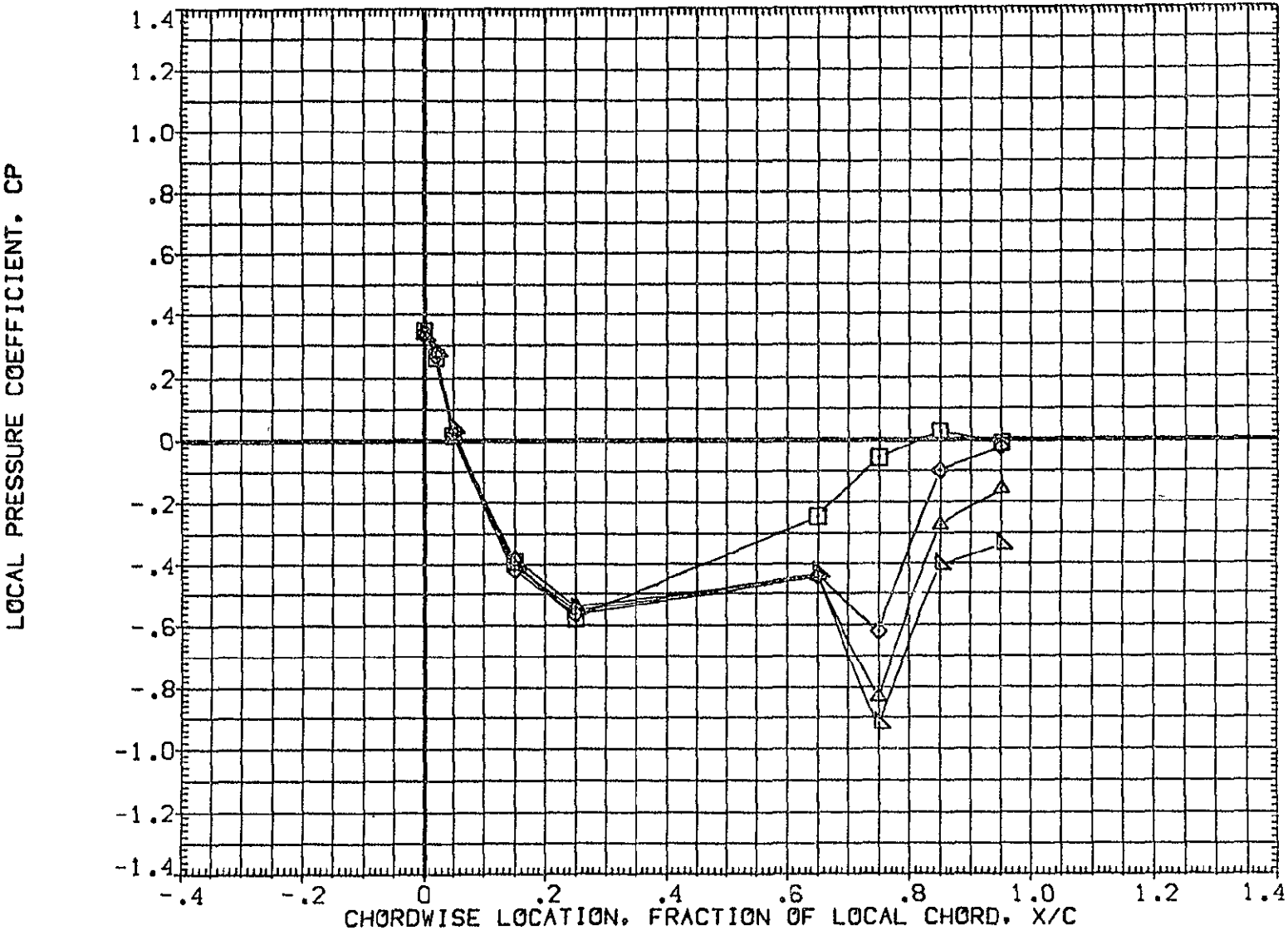

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

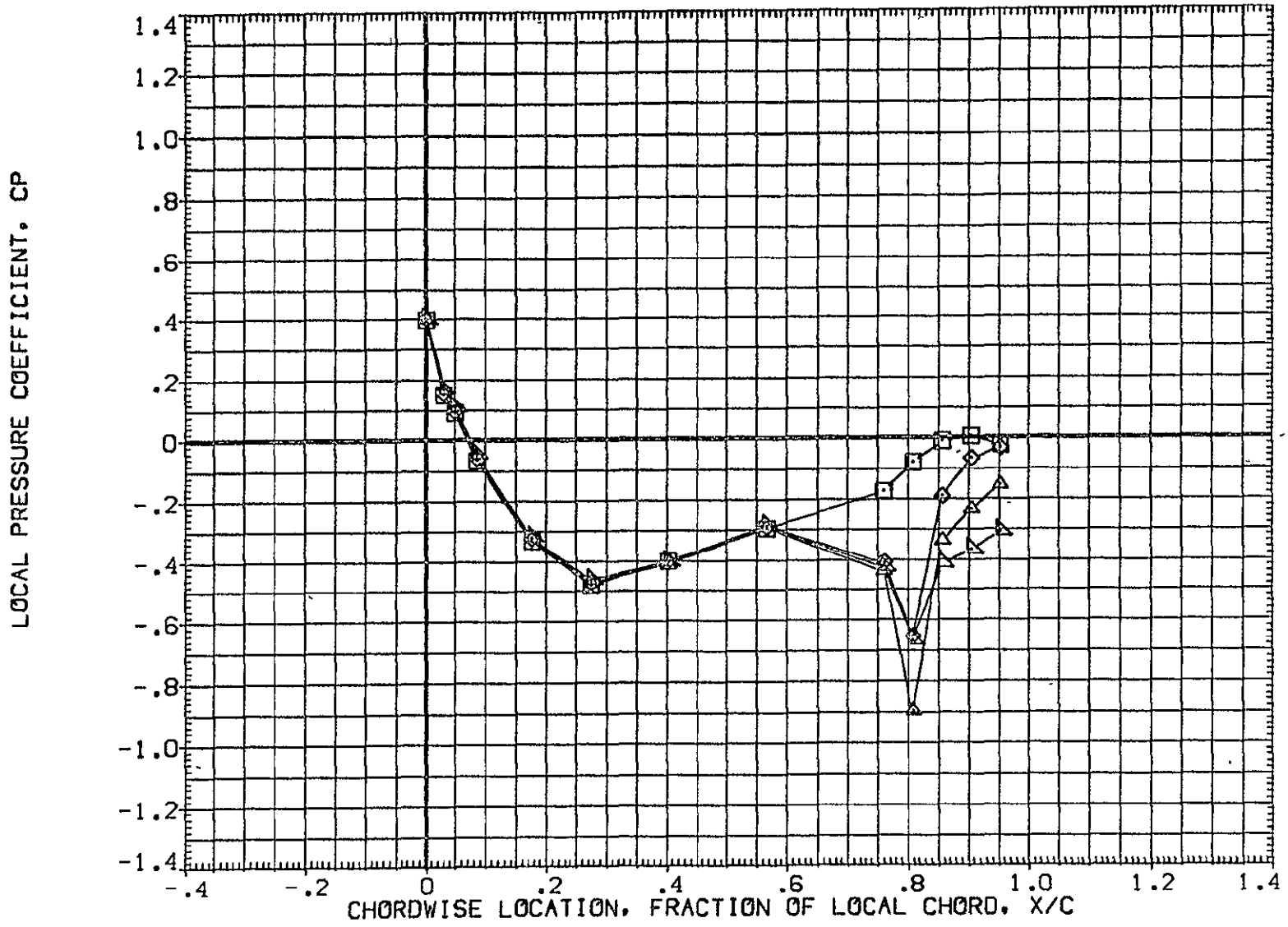

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

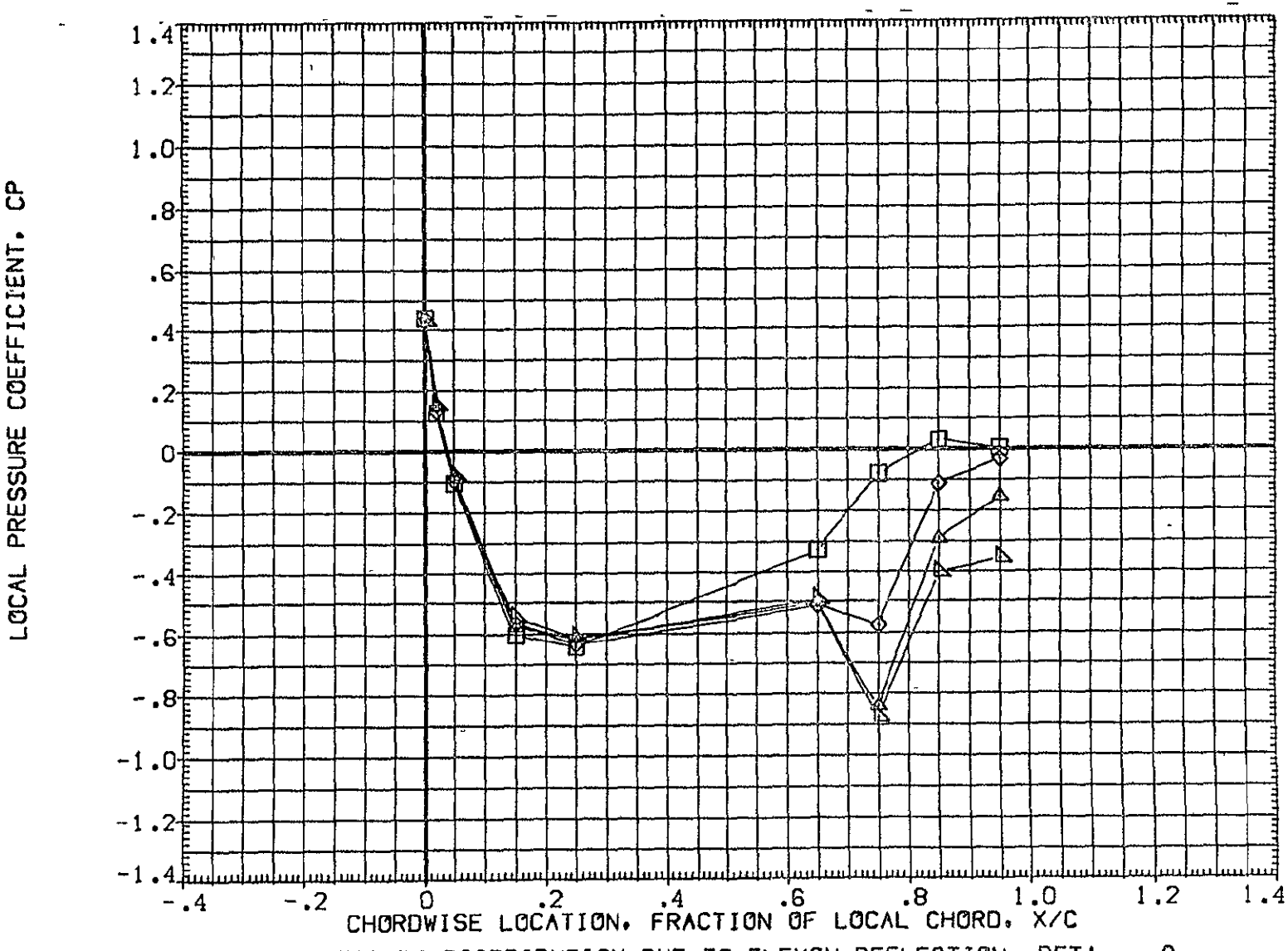

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

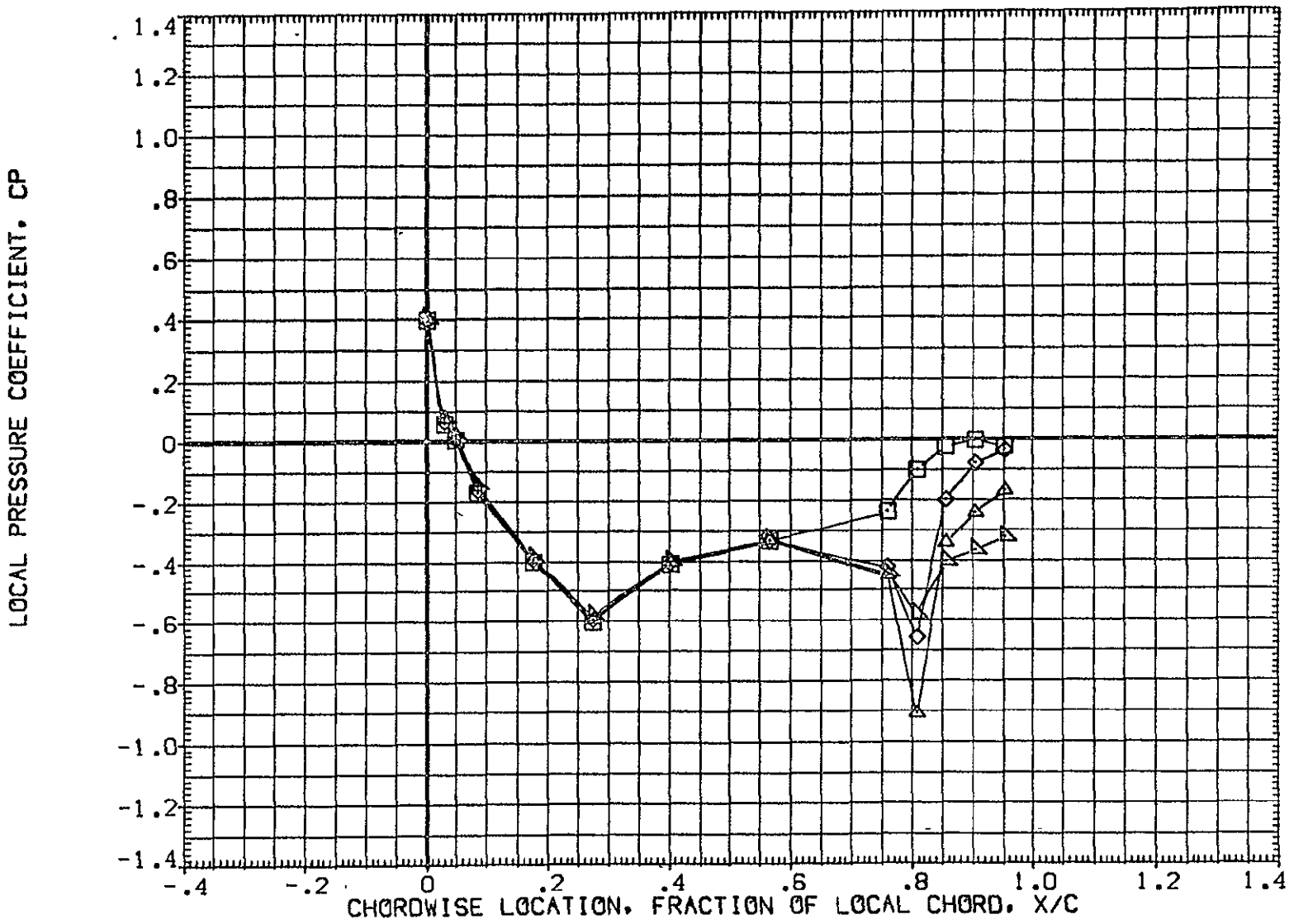

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

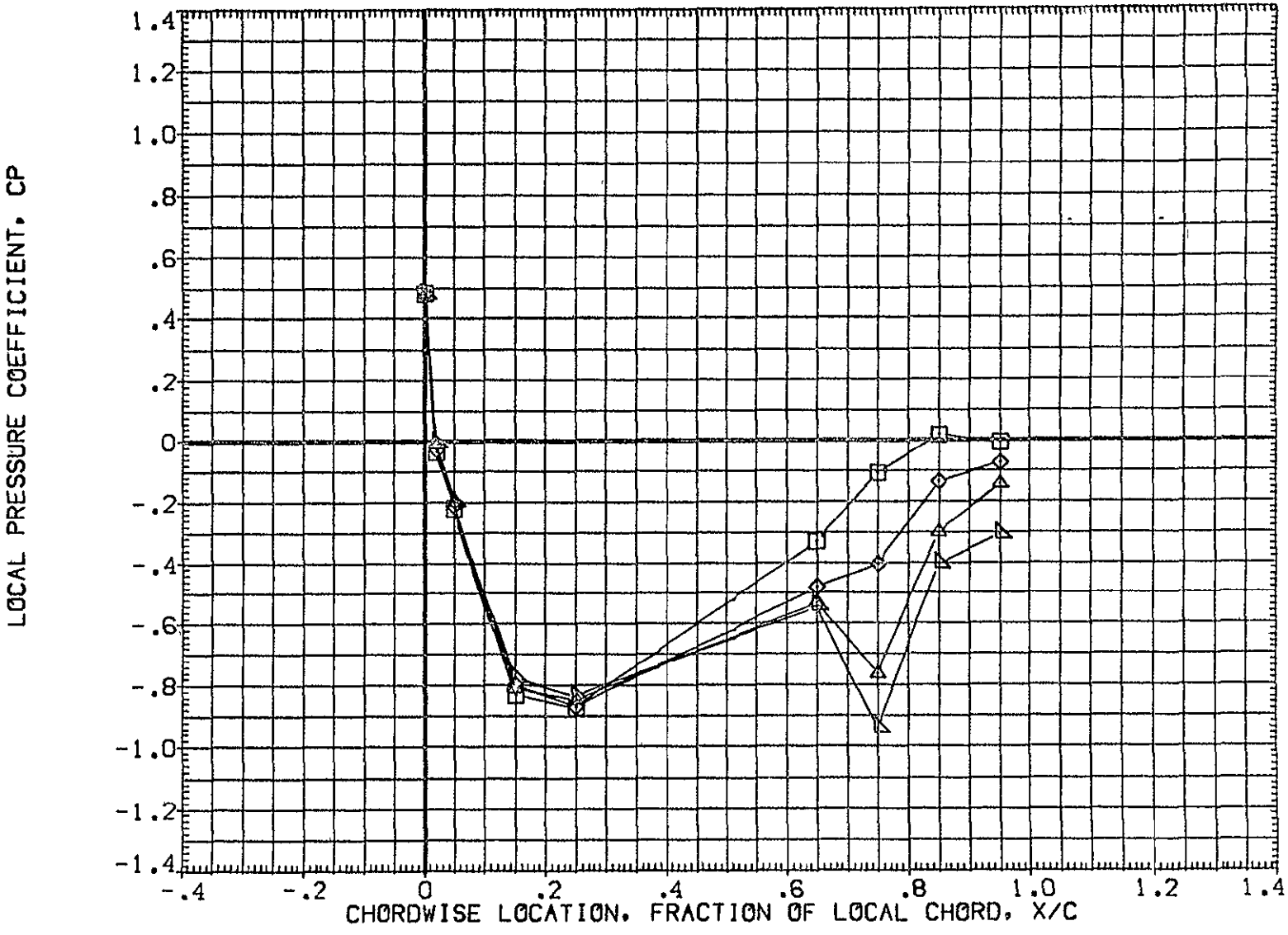

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

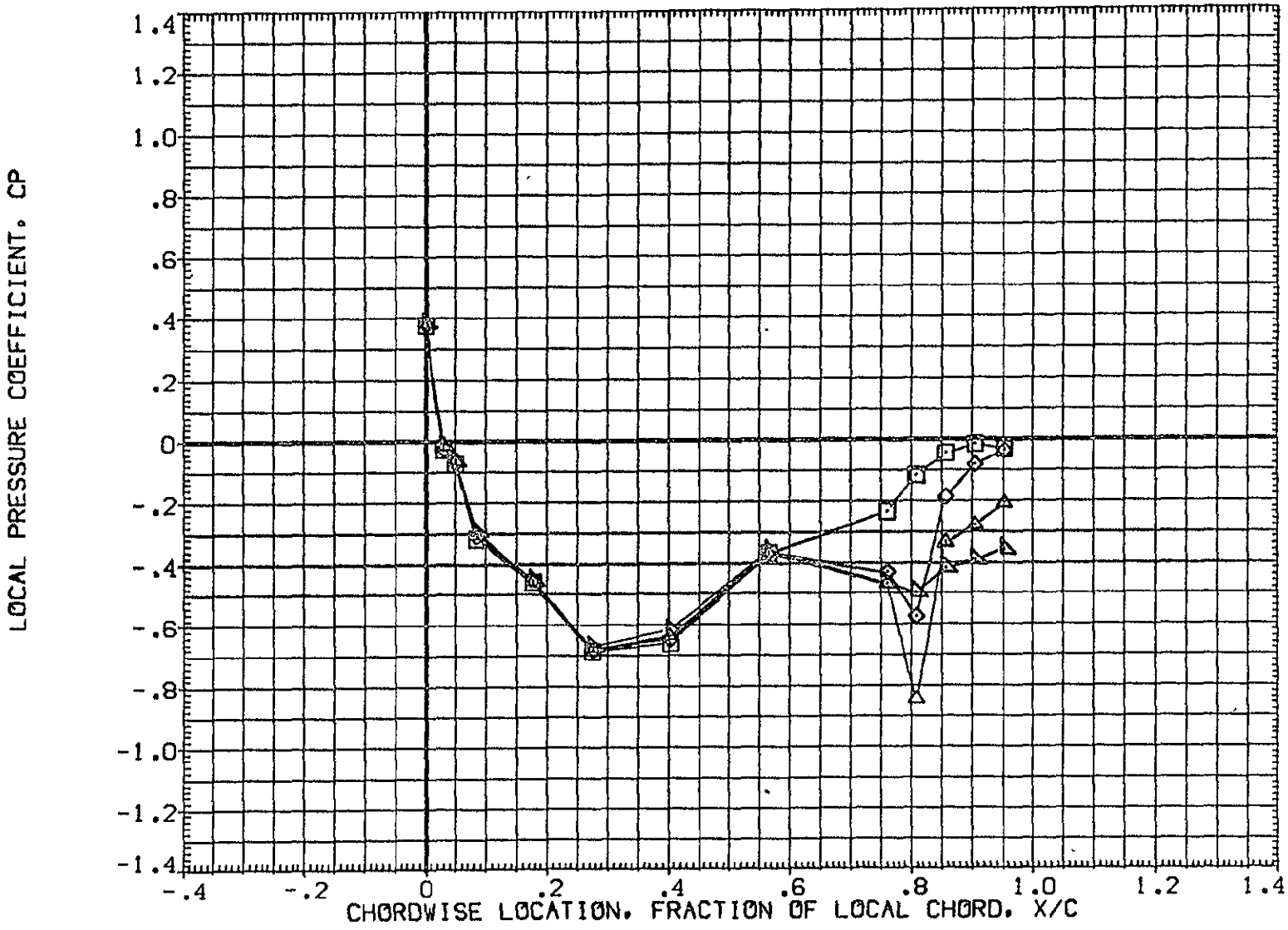

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

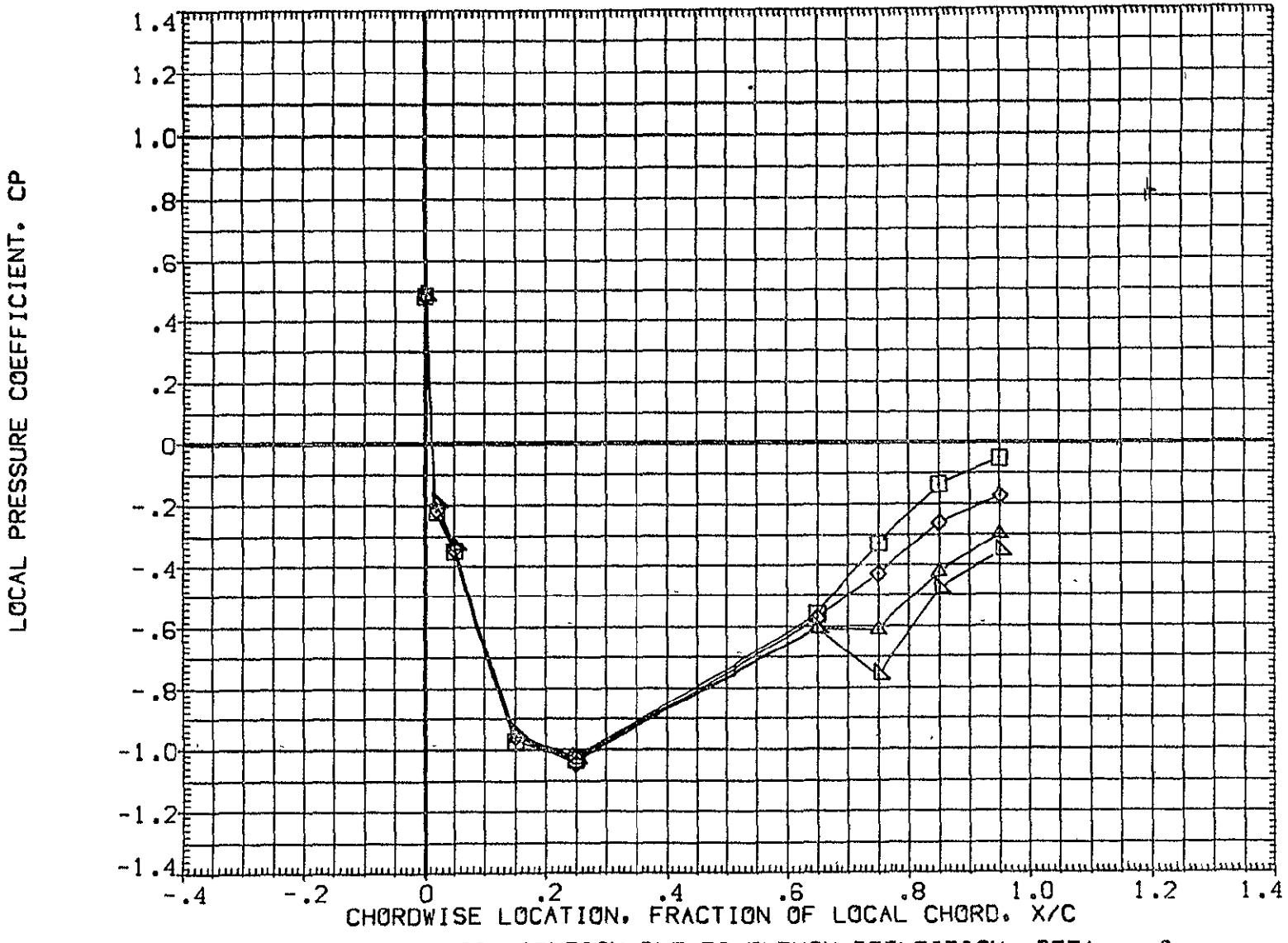

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

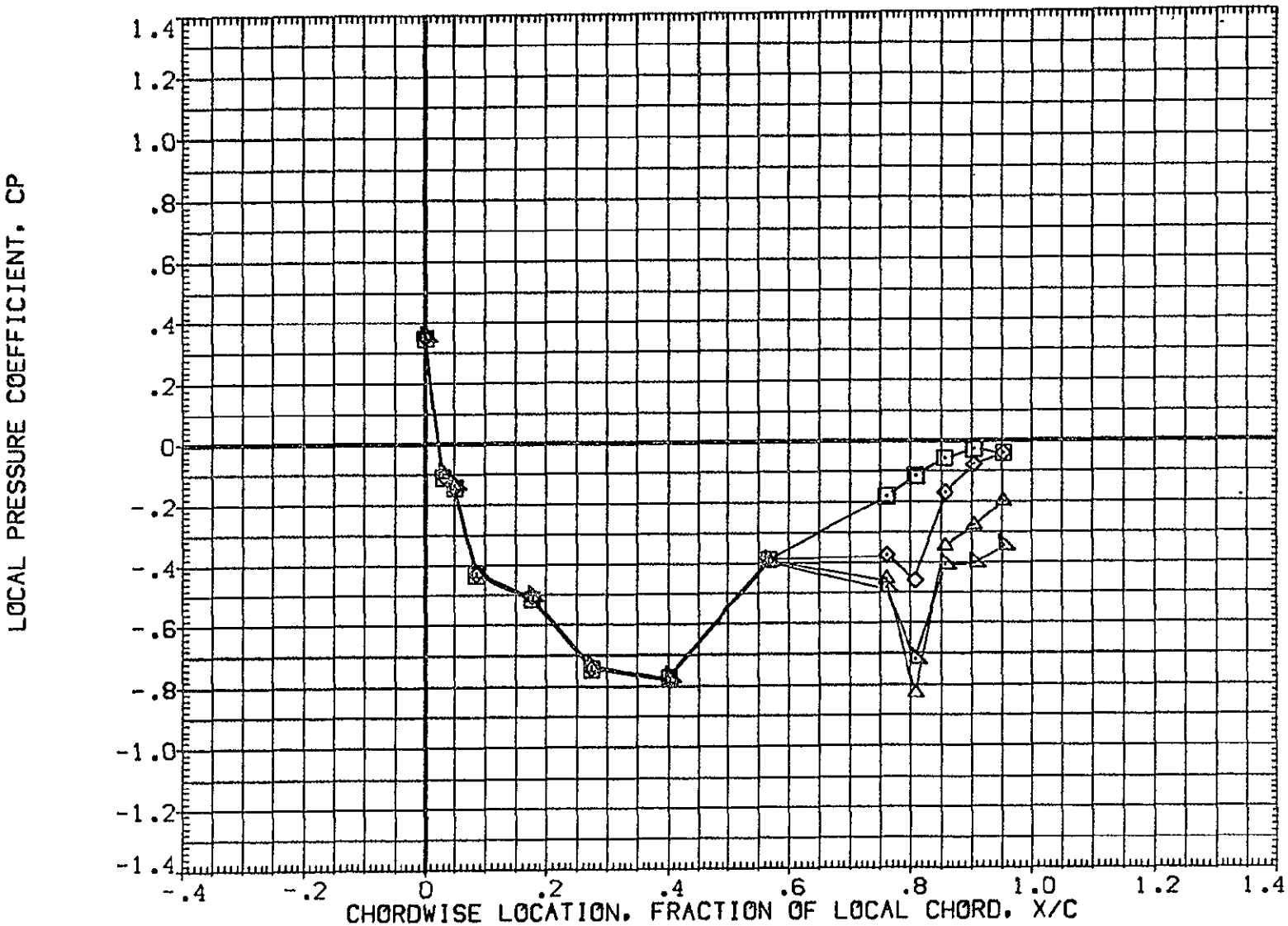

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

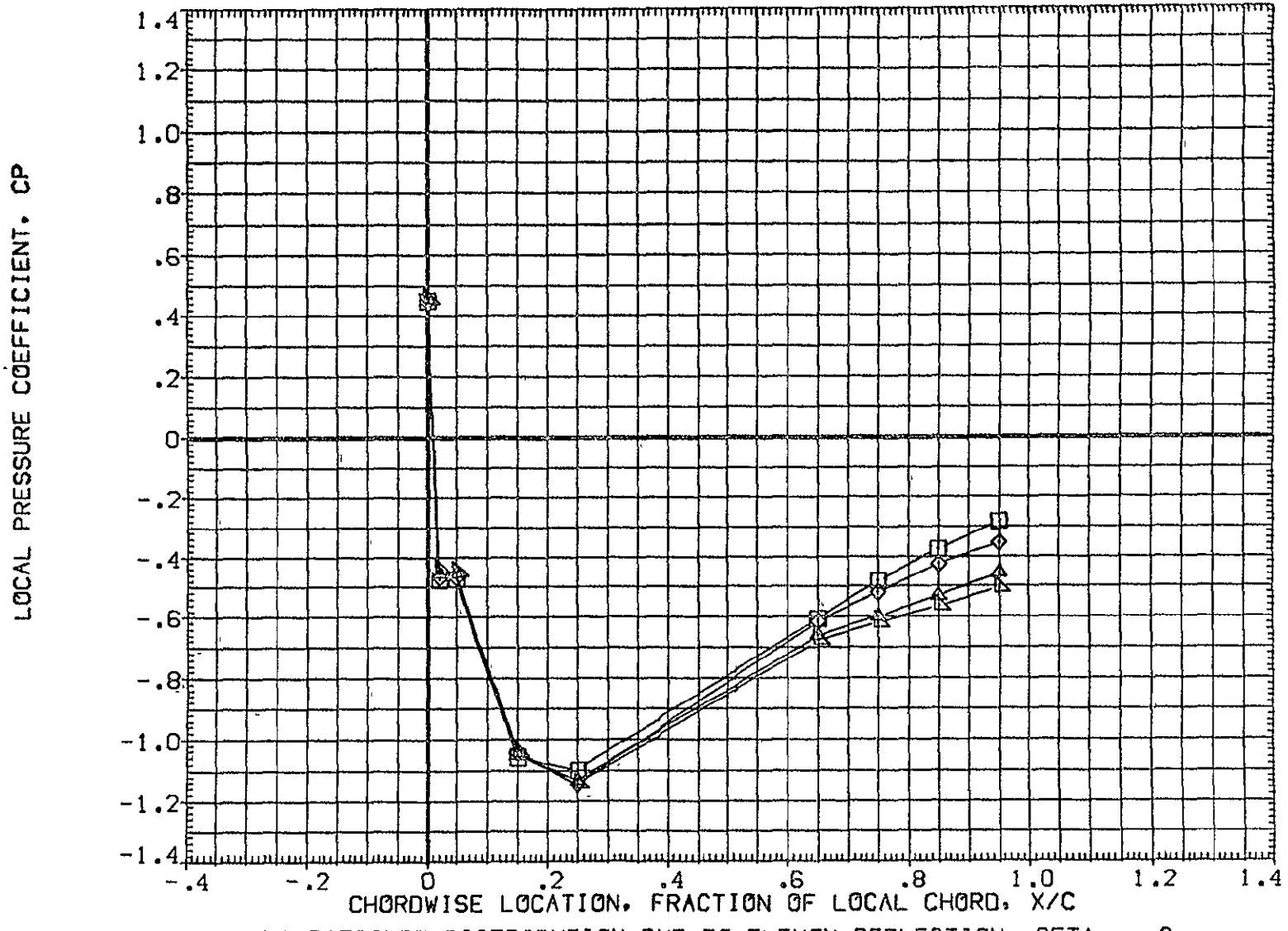

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 G1 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U30)	◇	1A70 G1 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	○	1A70 G1 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	1A70 G1 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

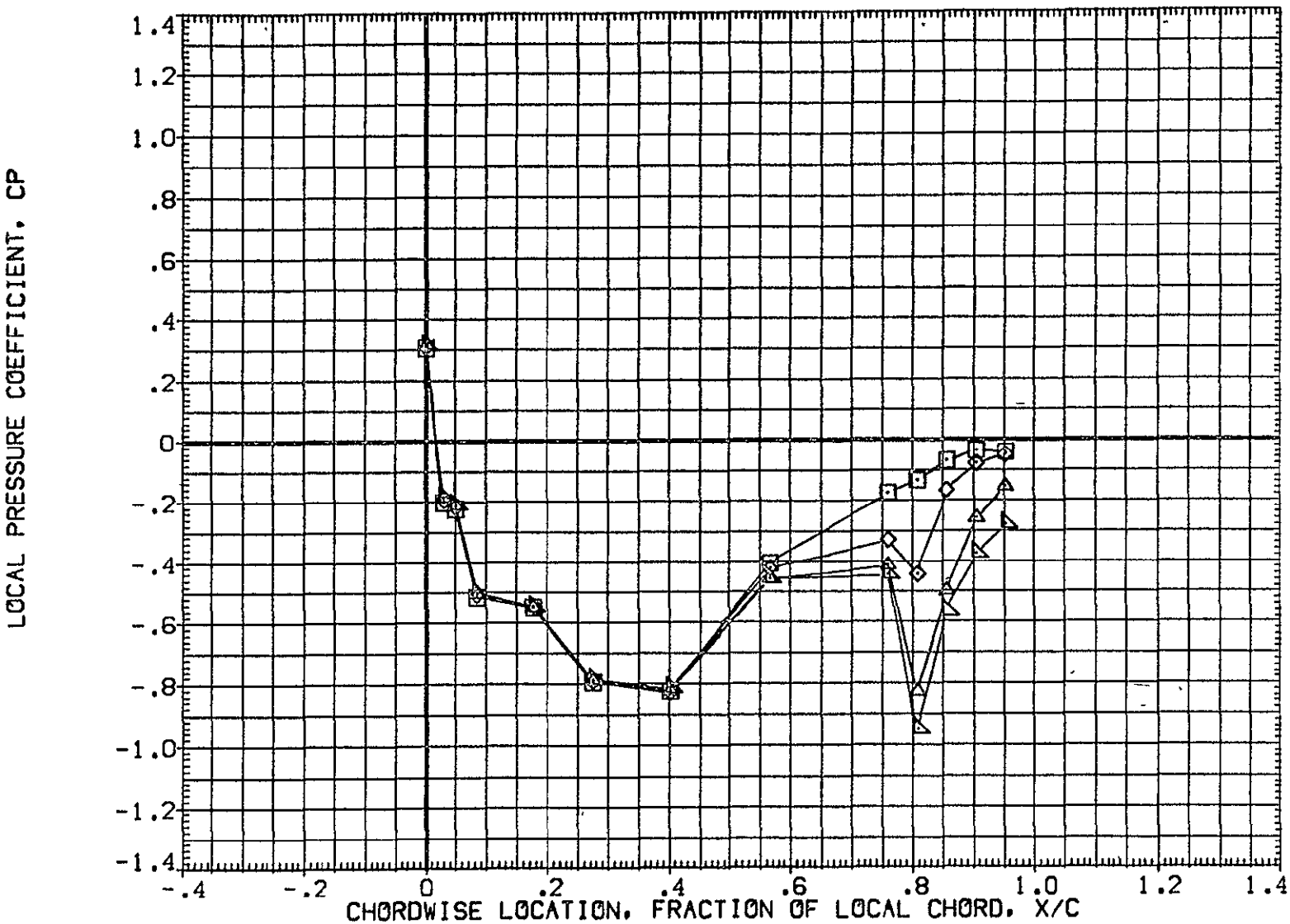

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

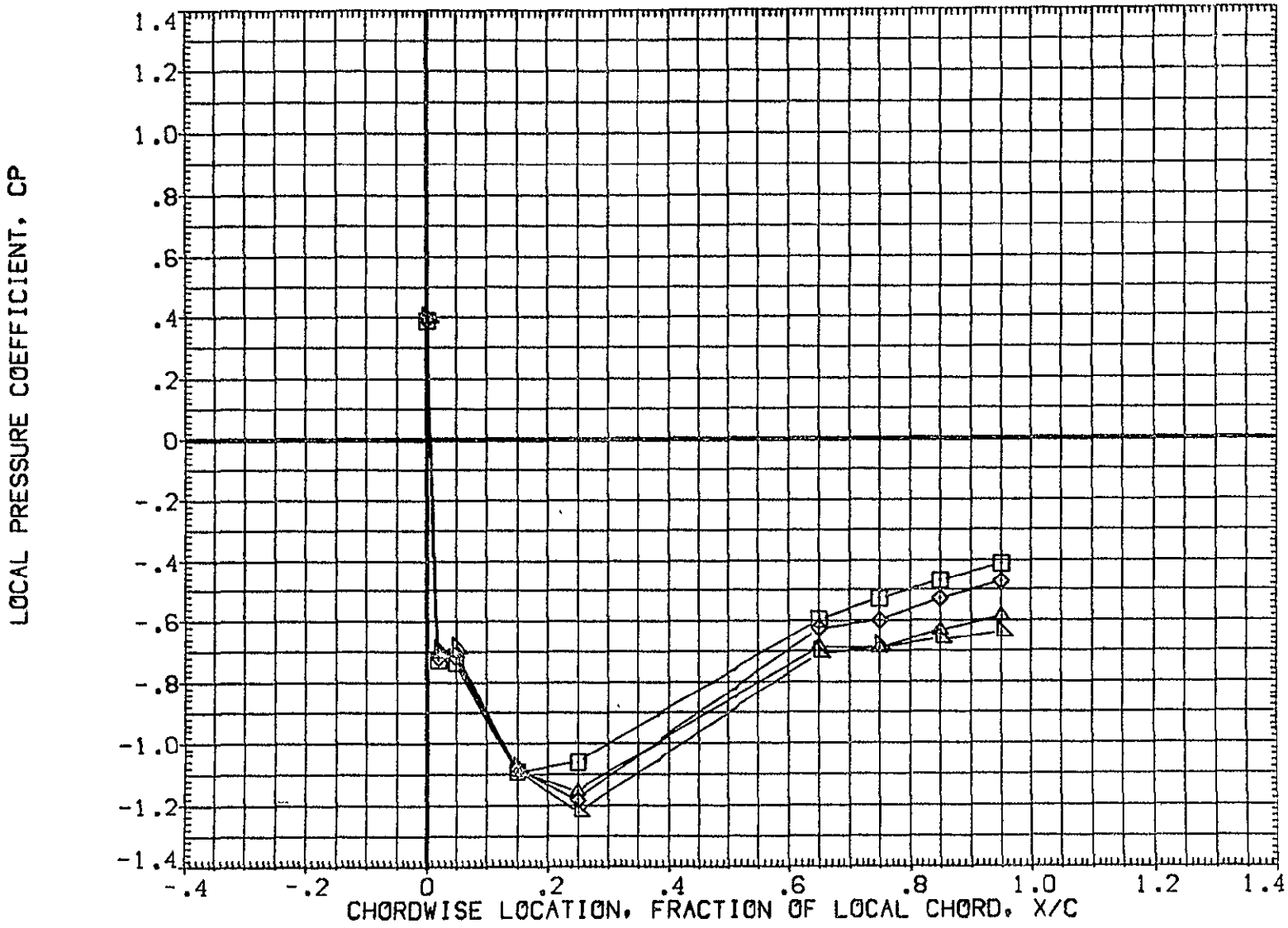

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

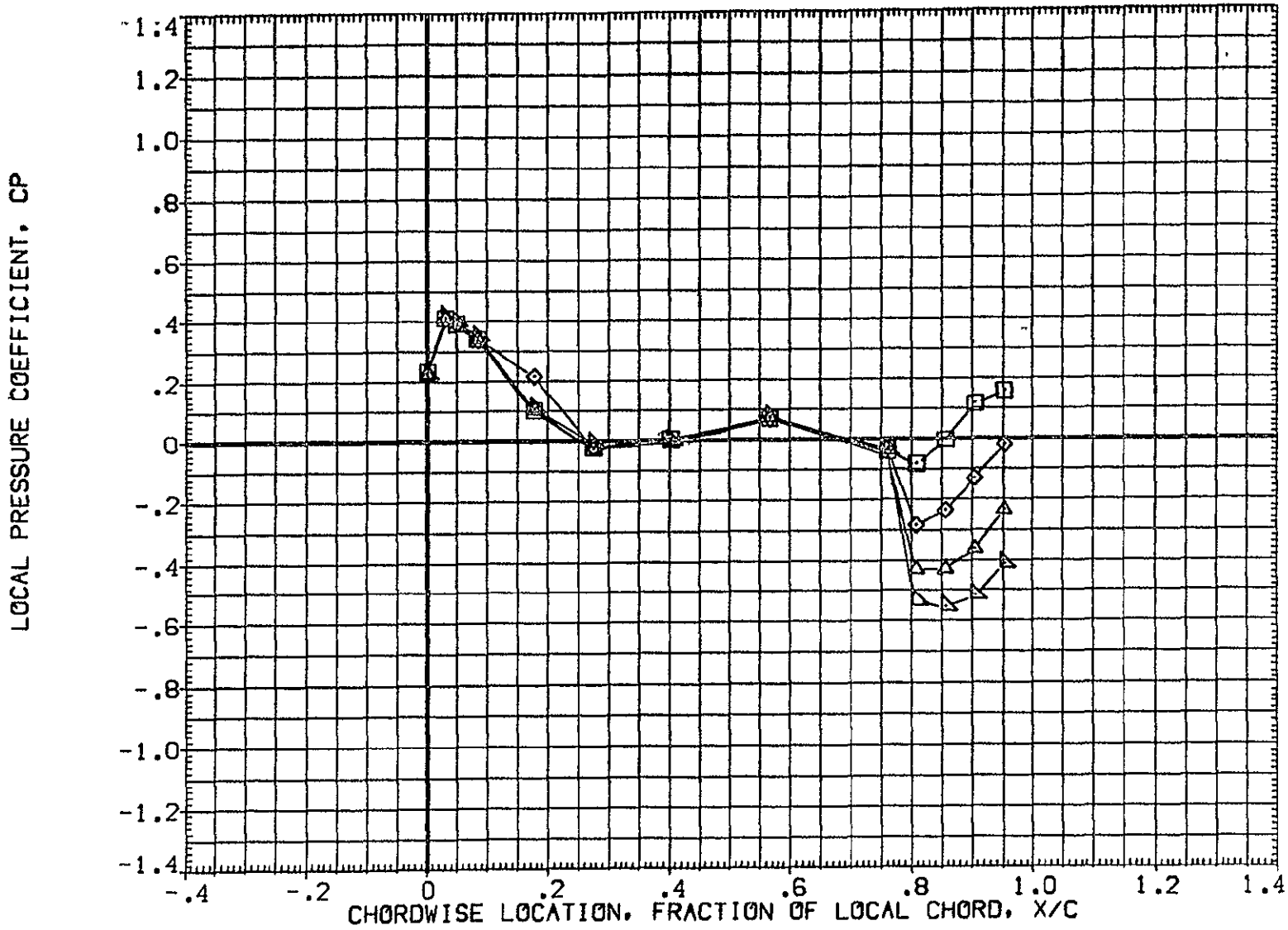

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE				-4.000	.000	-4.000	-4.000
(AF7U45)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

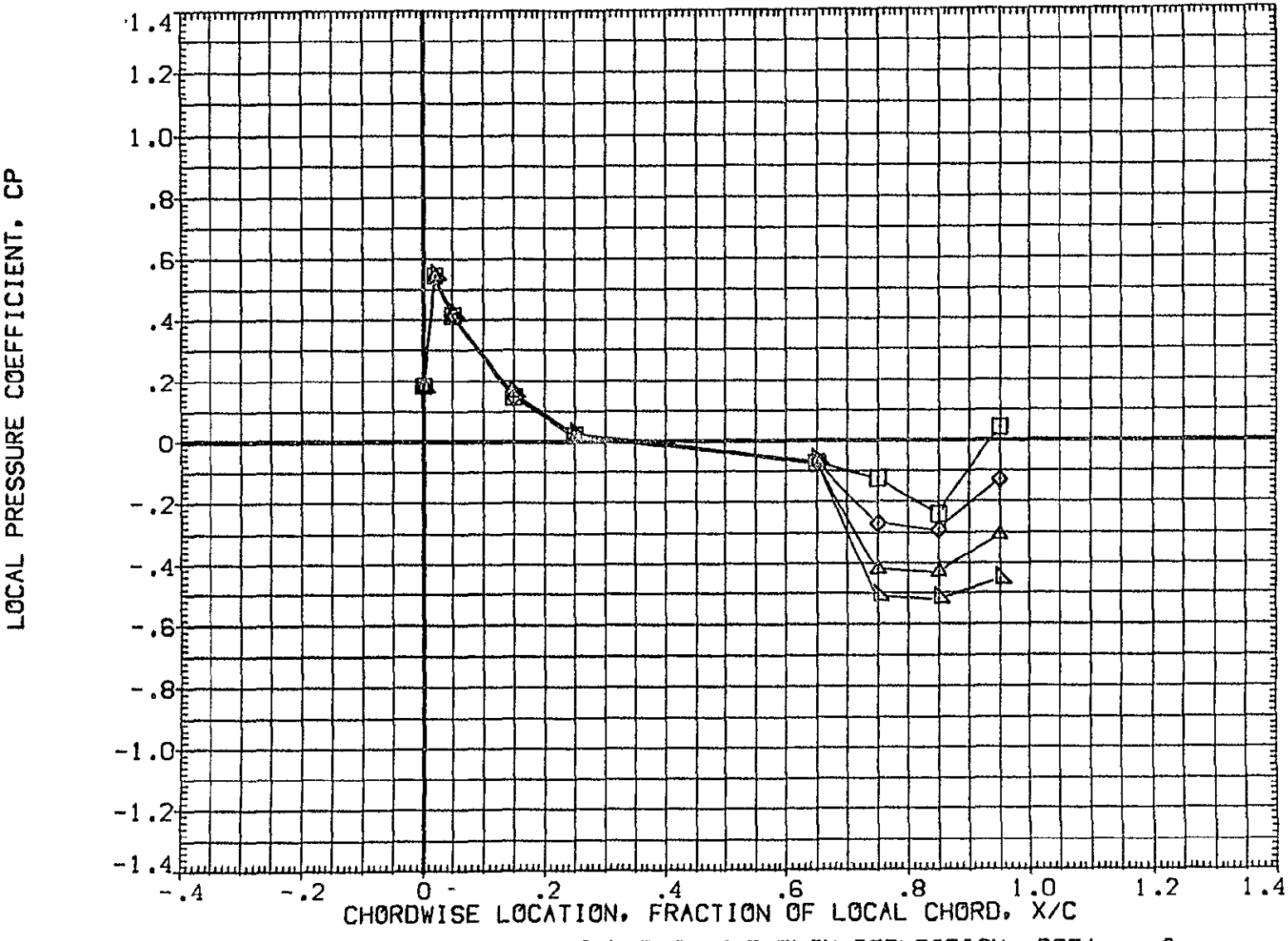

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

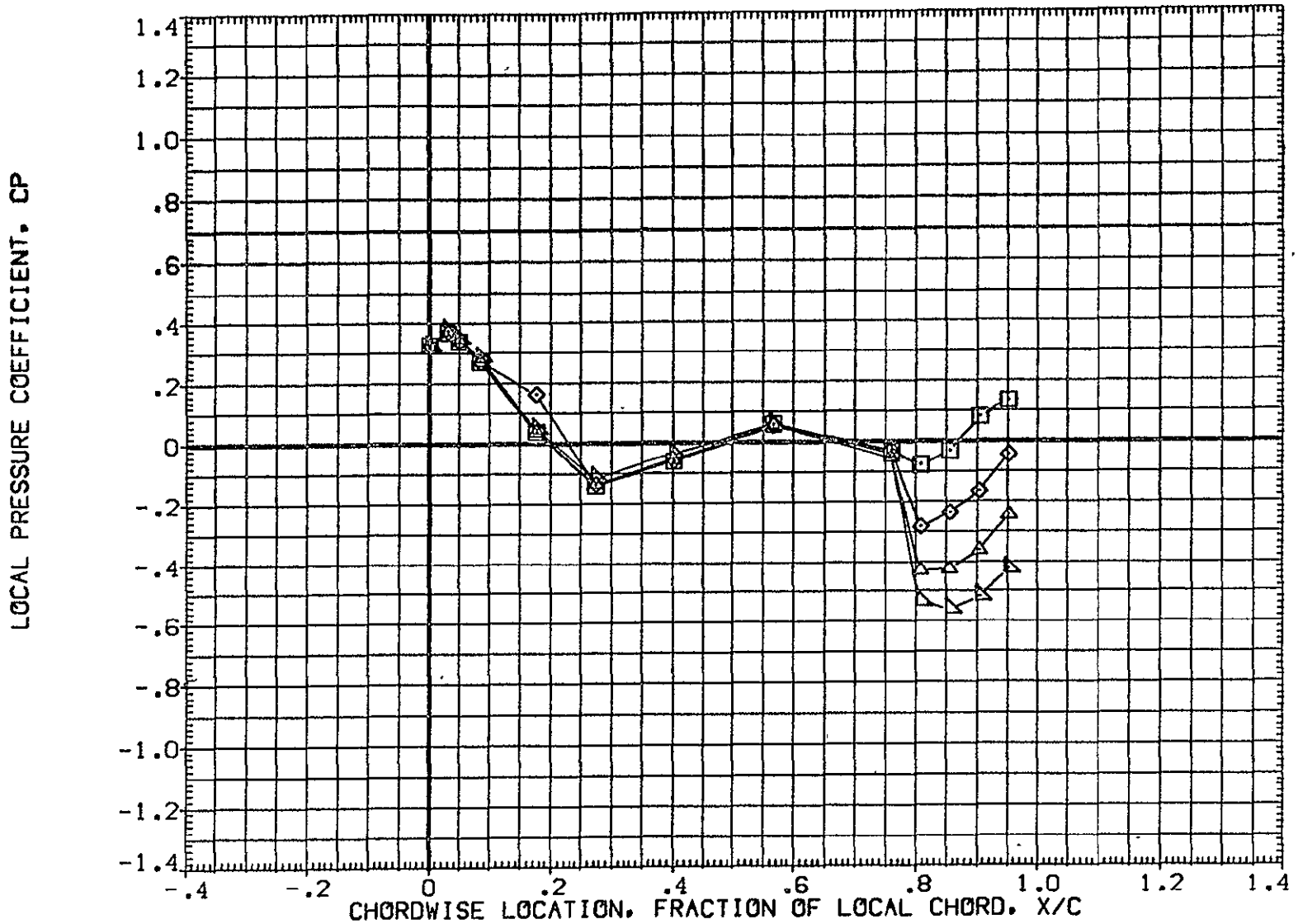

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	⏢	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

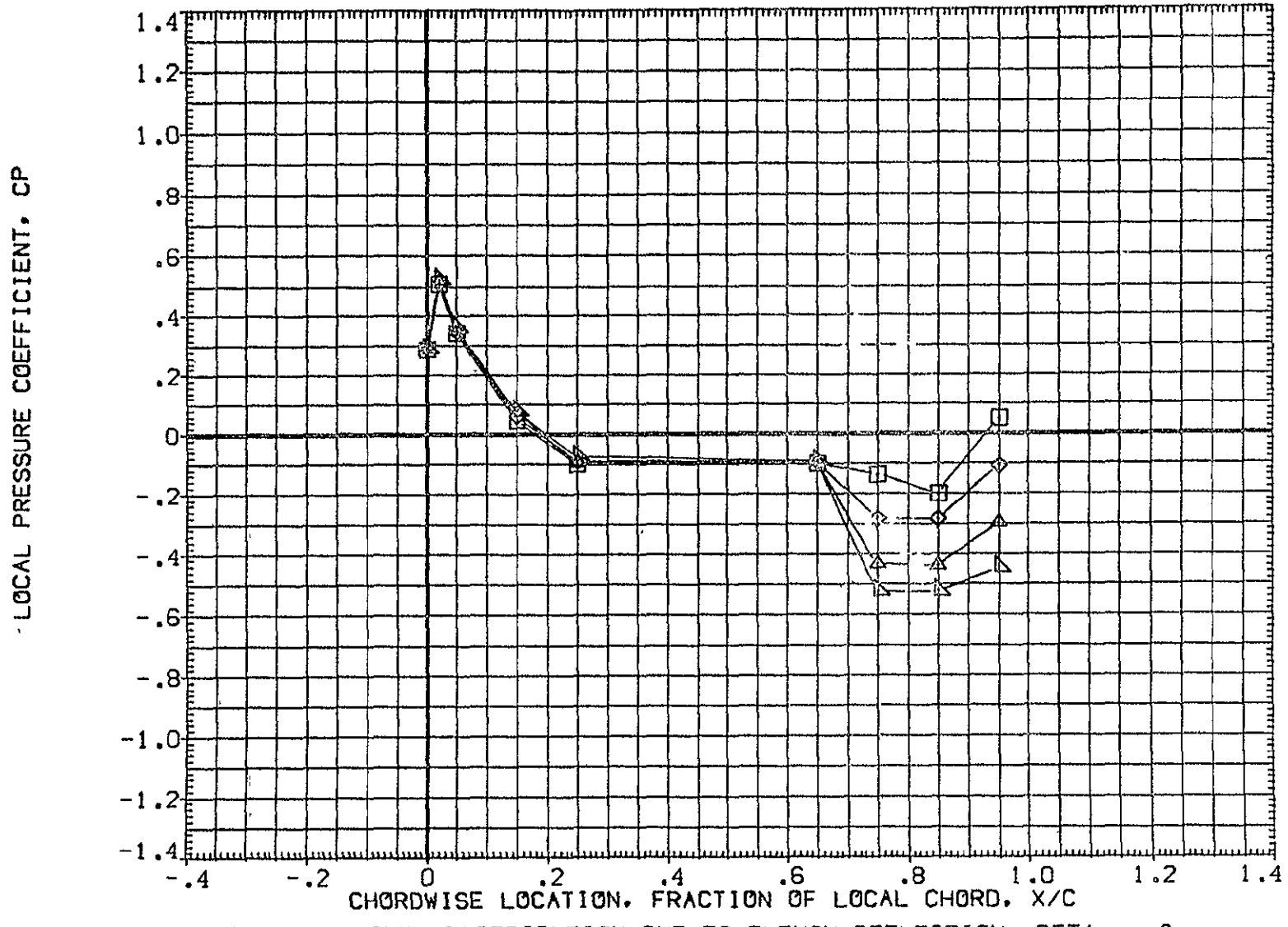

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	◁	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

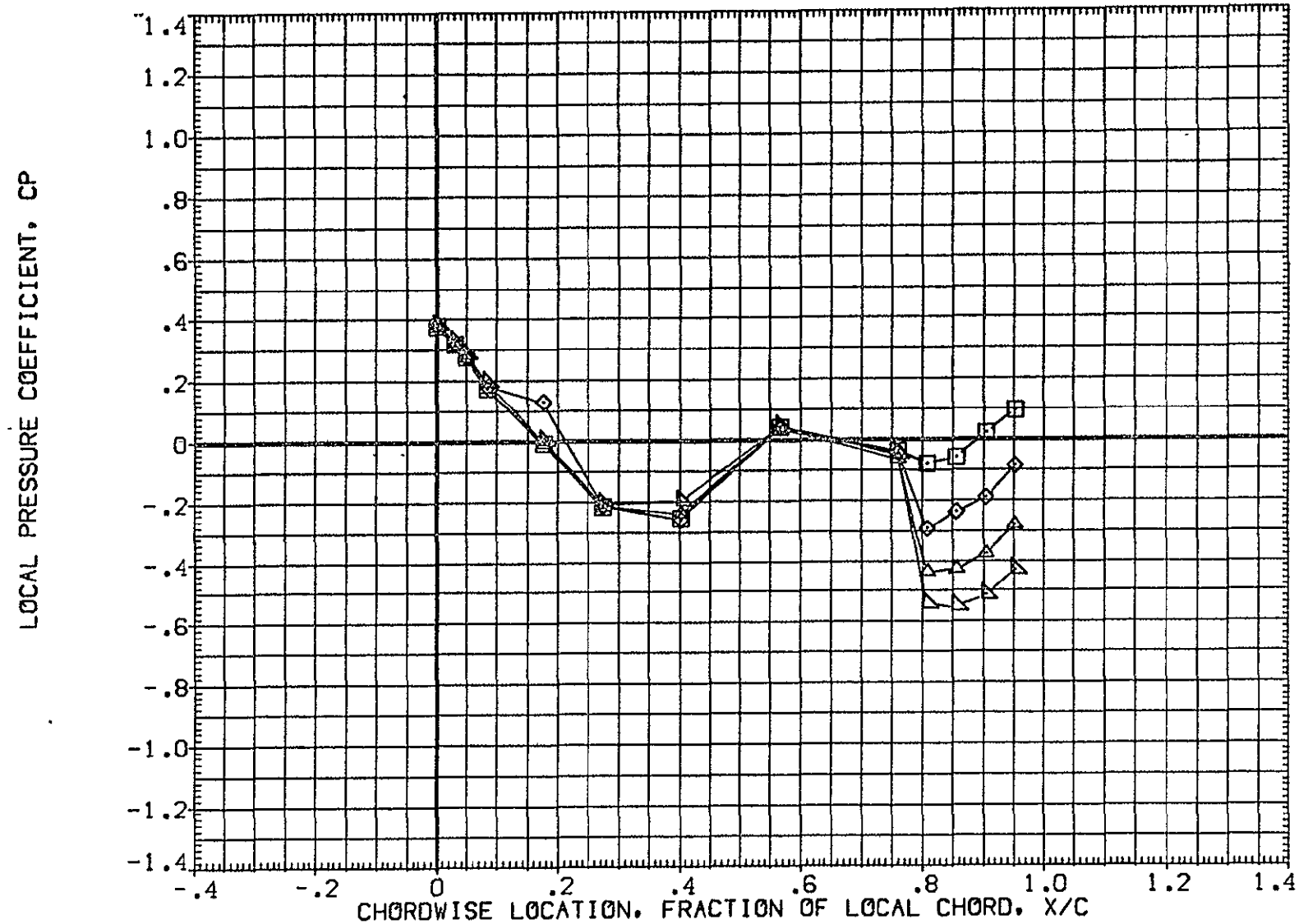

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	9.000	12.000	12.000	12.000

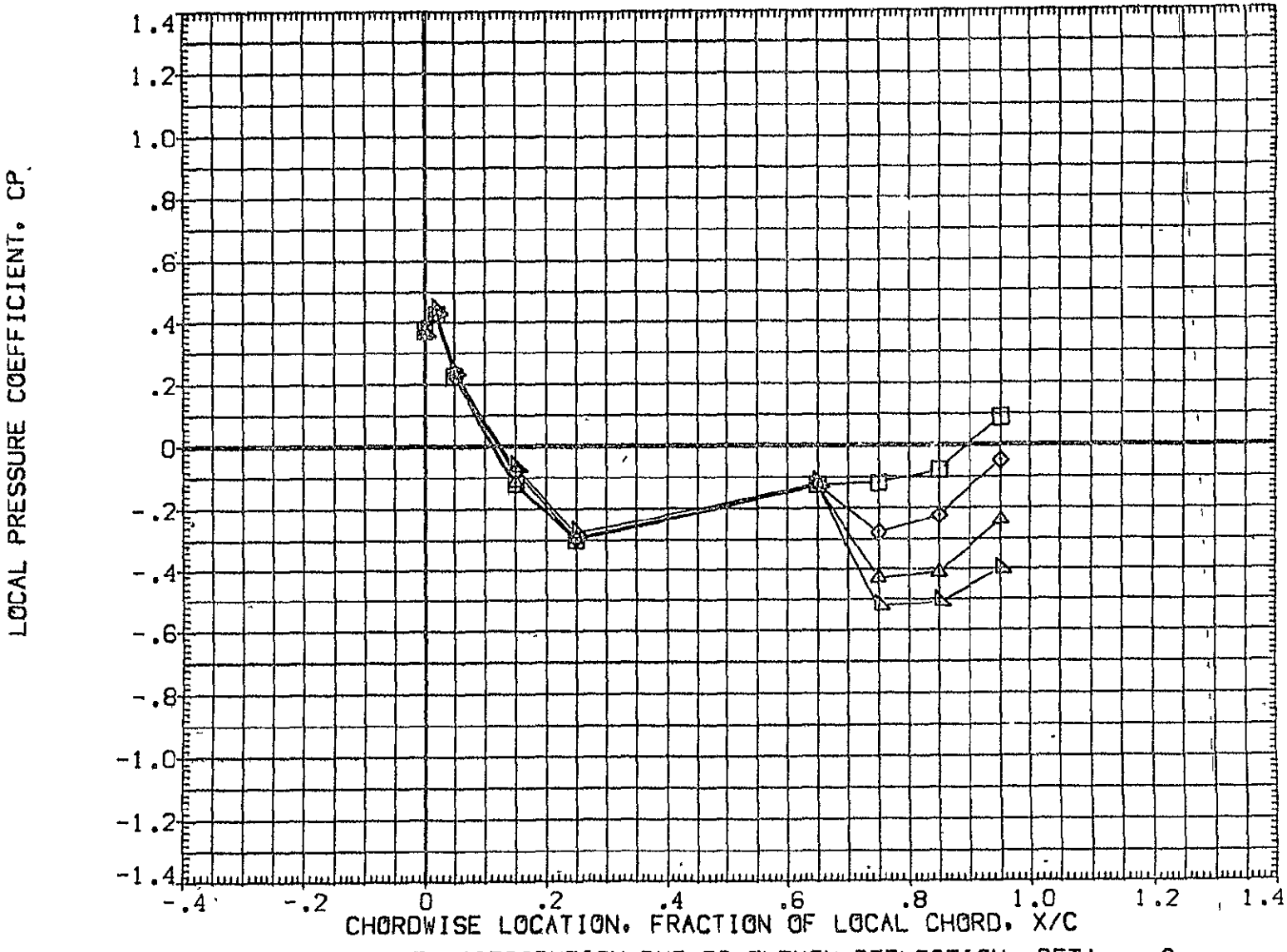

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

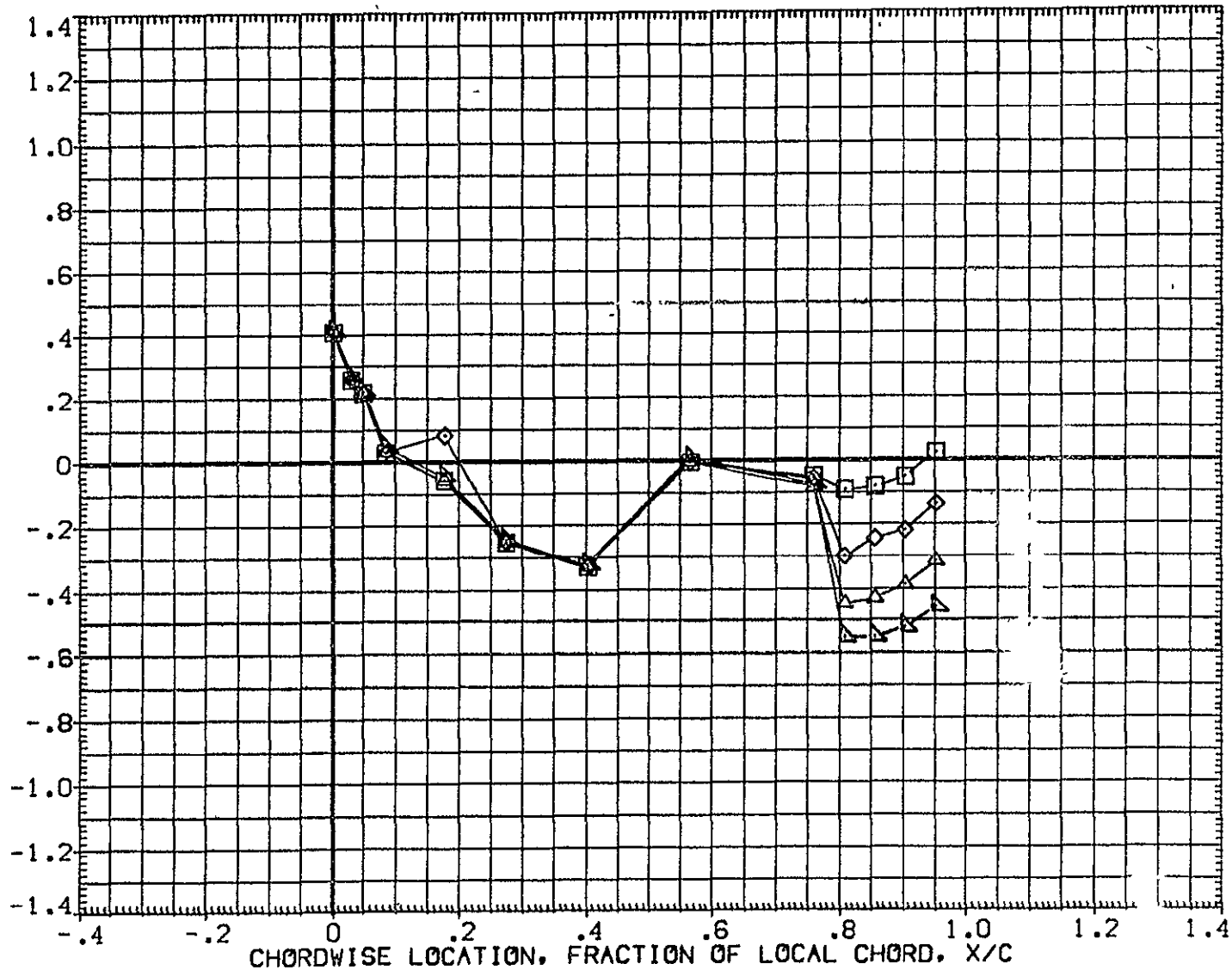

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

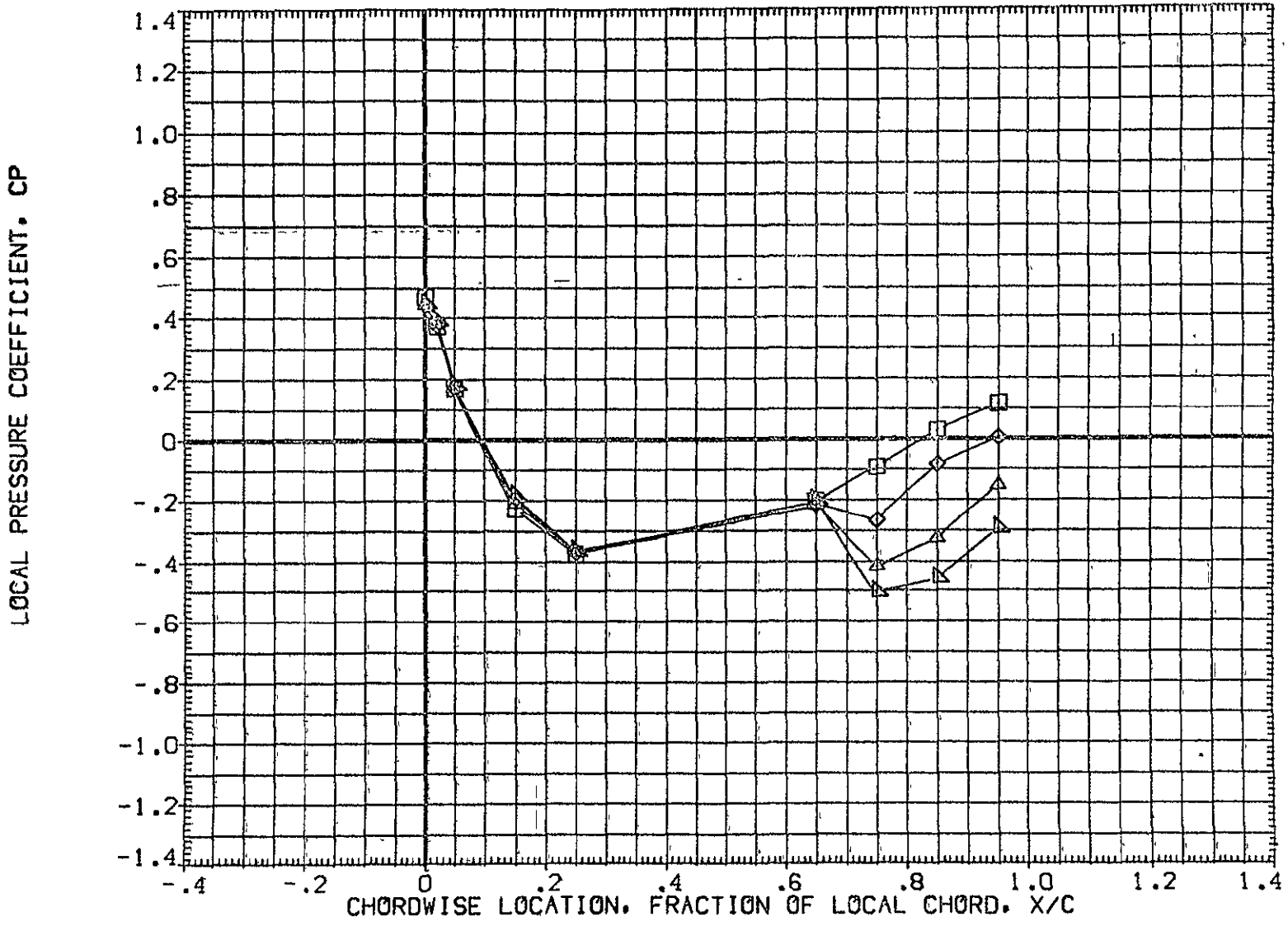

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

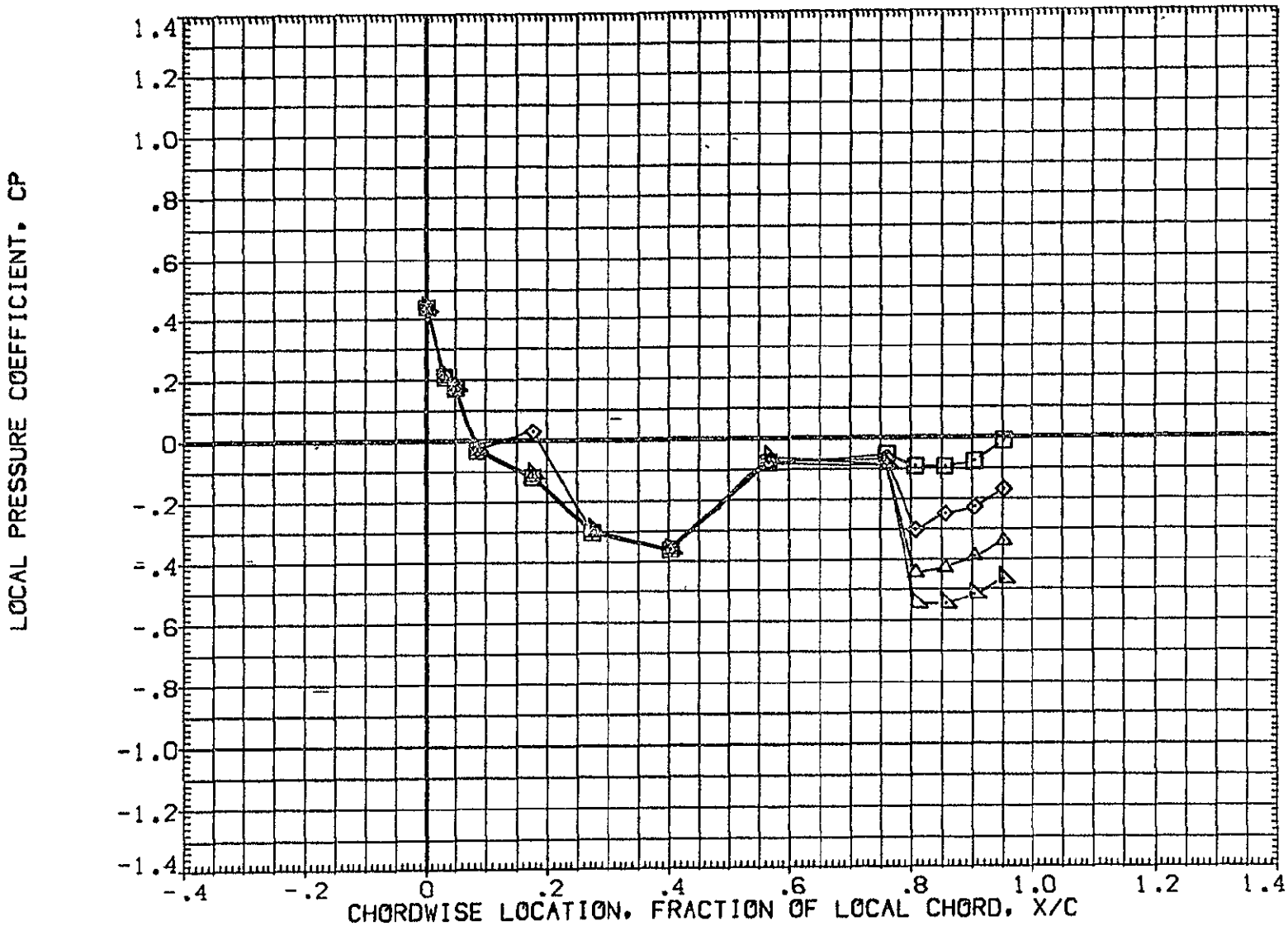

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

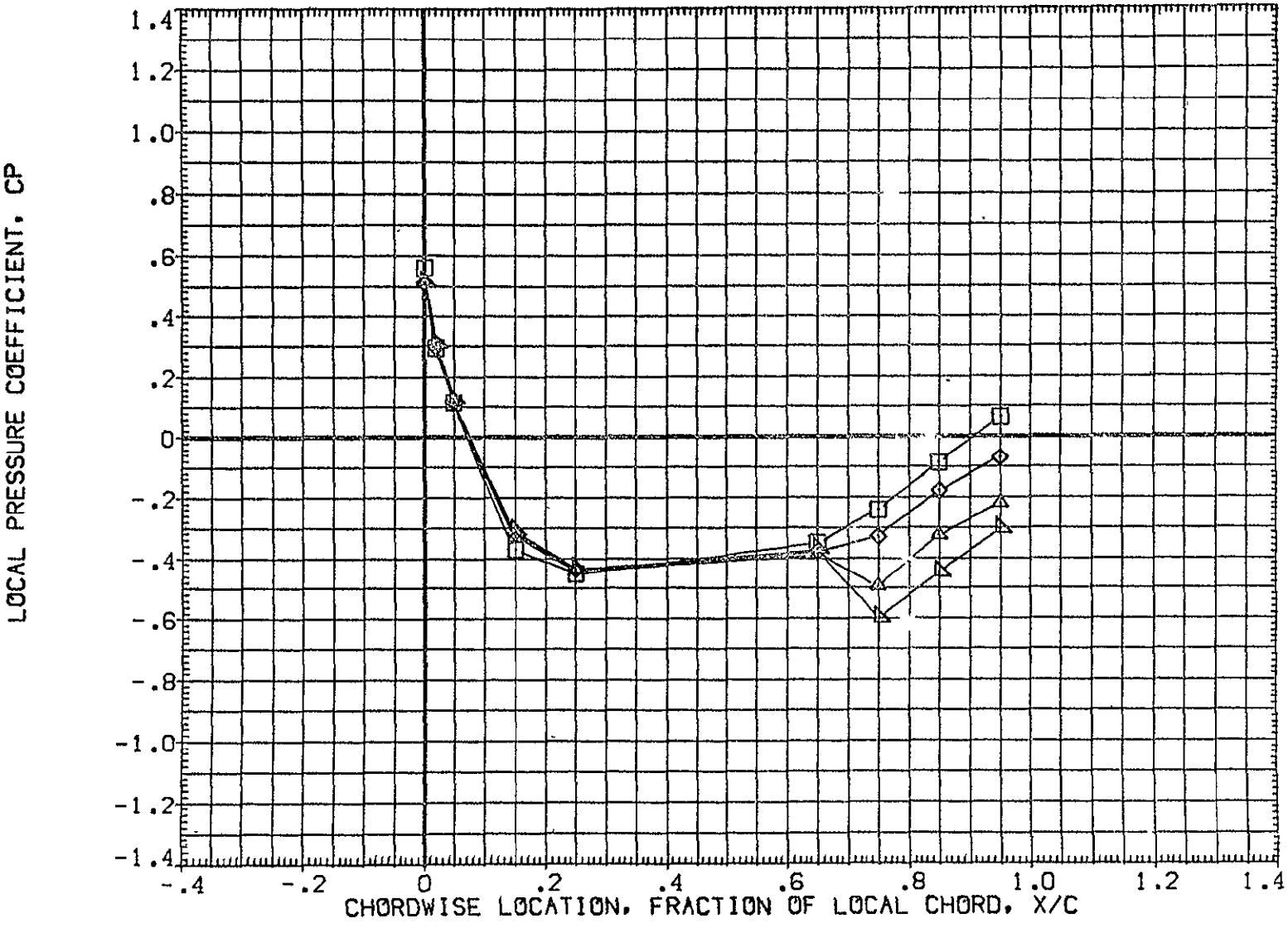

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

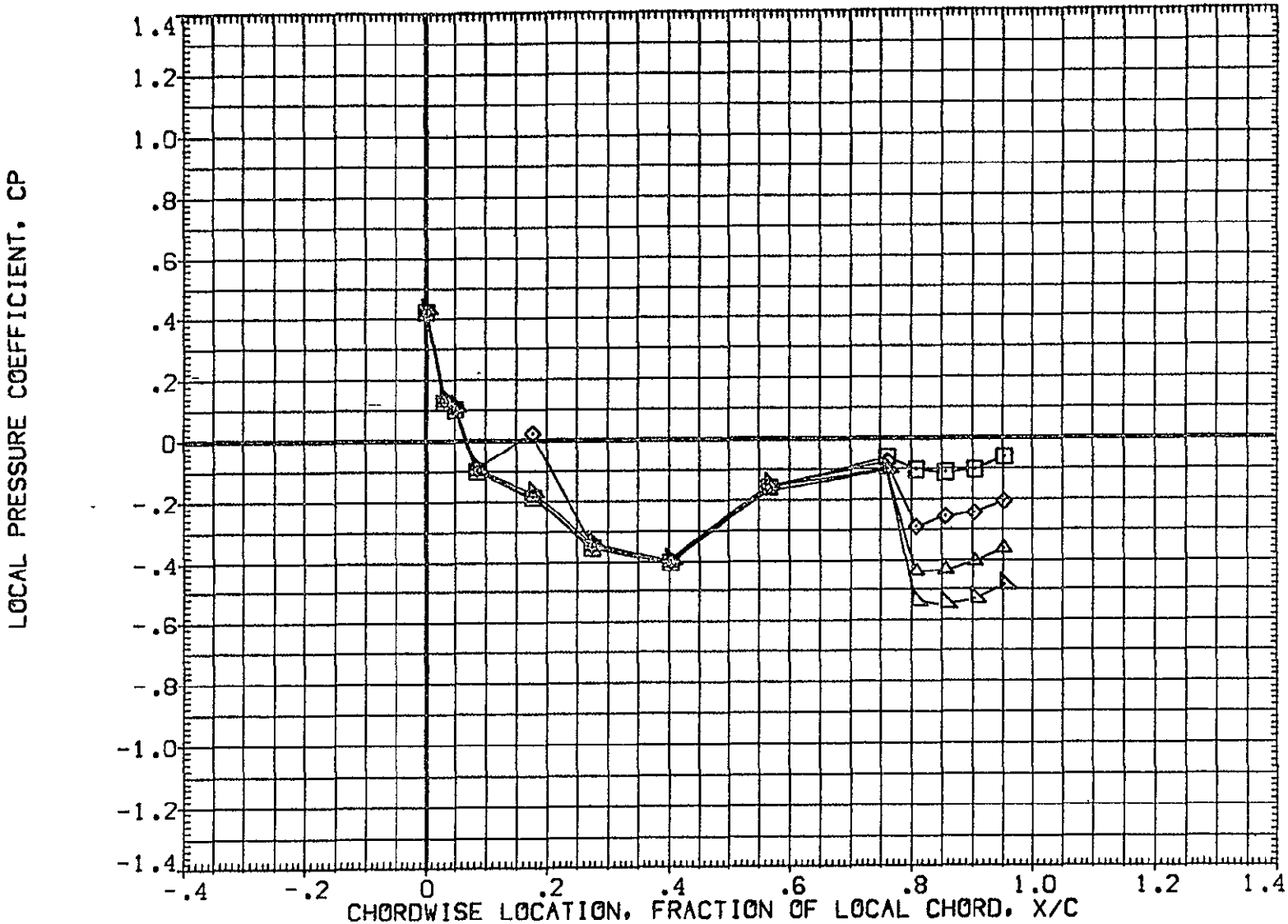

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

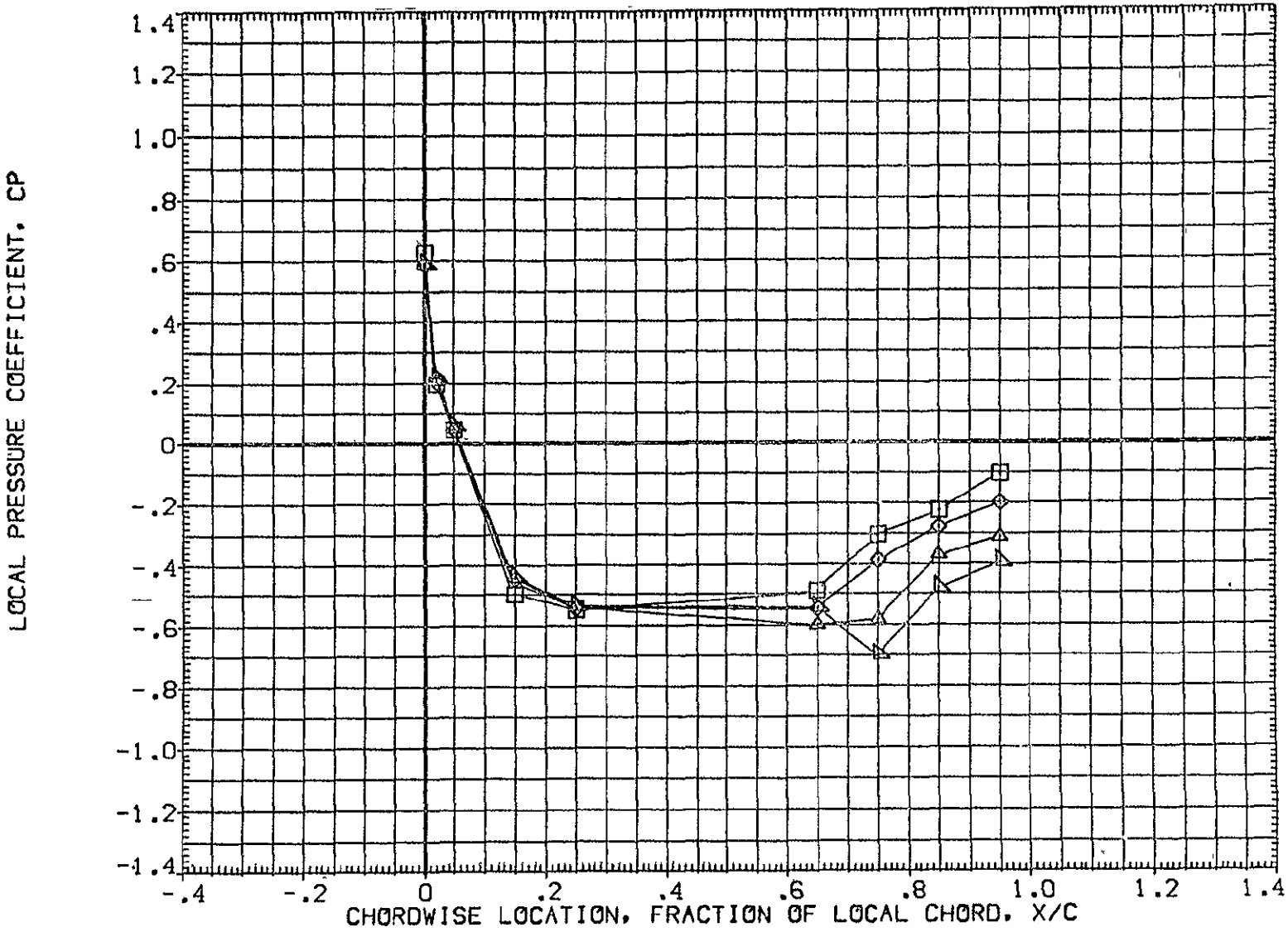

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U54)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

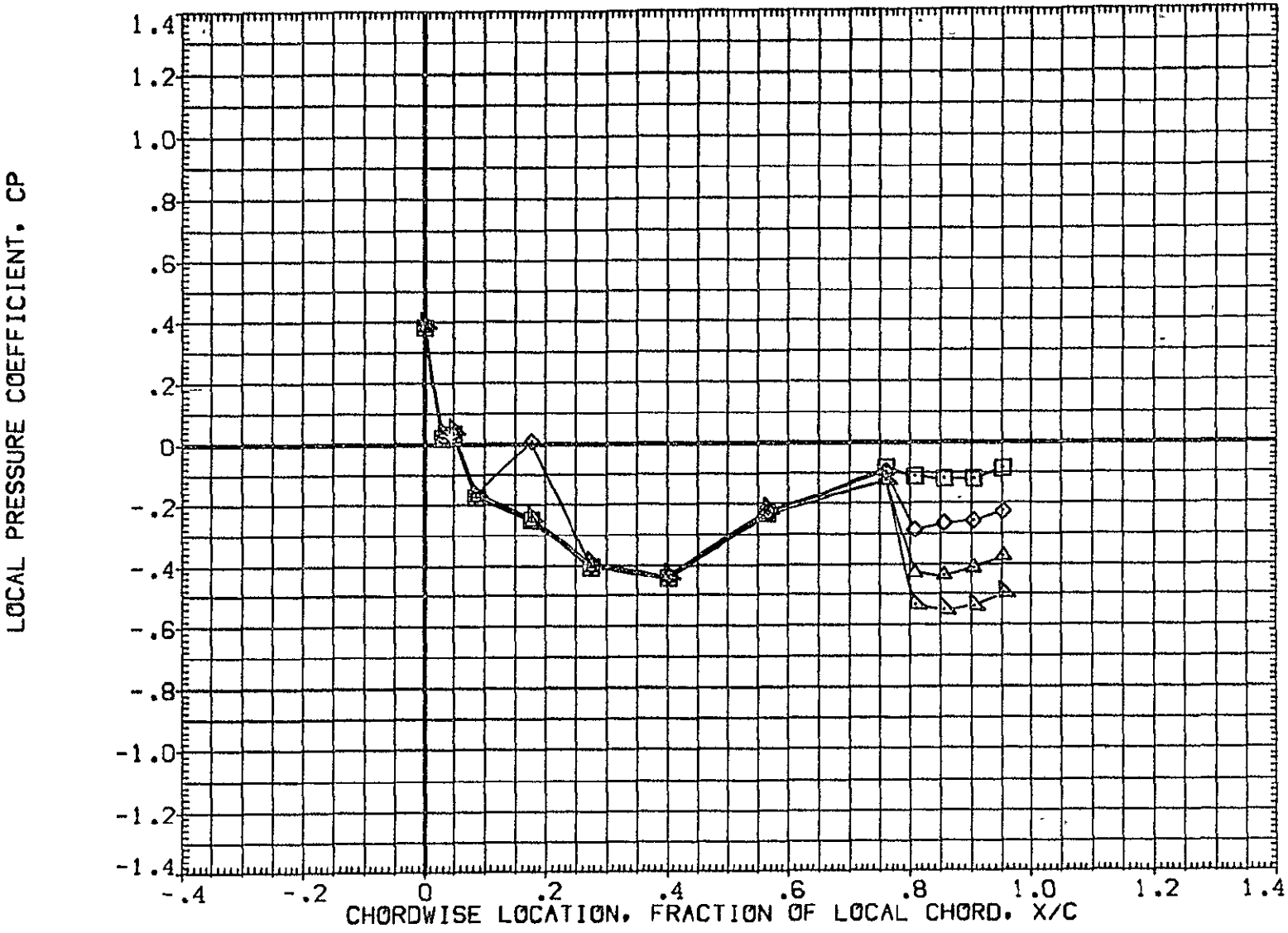

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	⊲	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

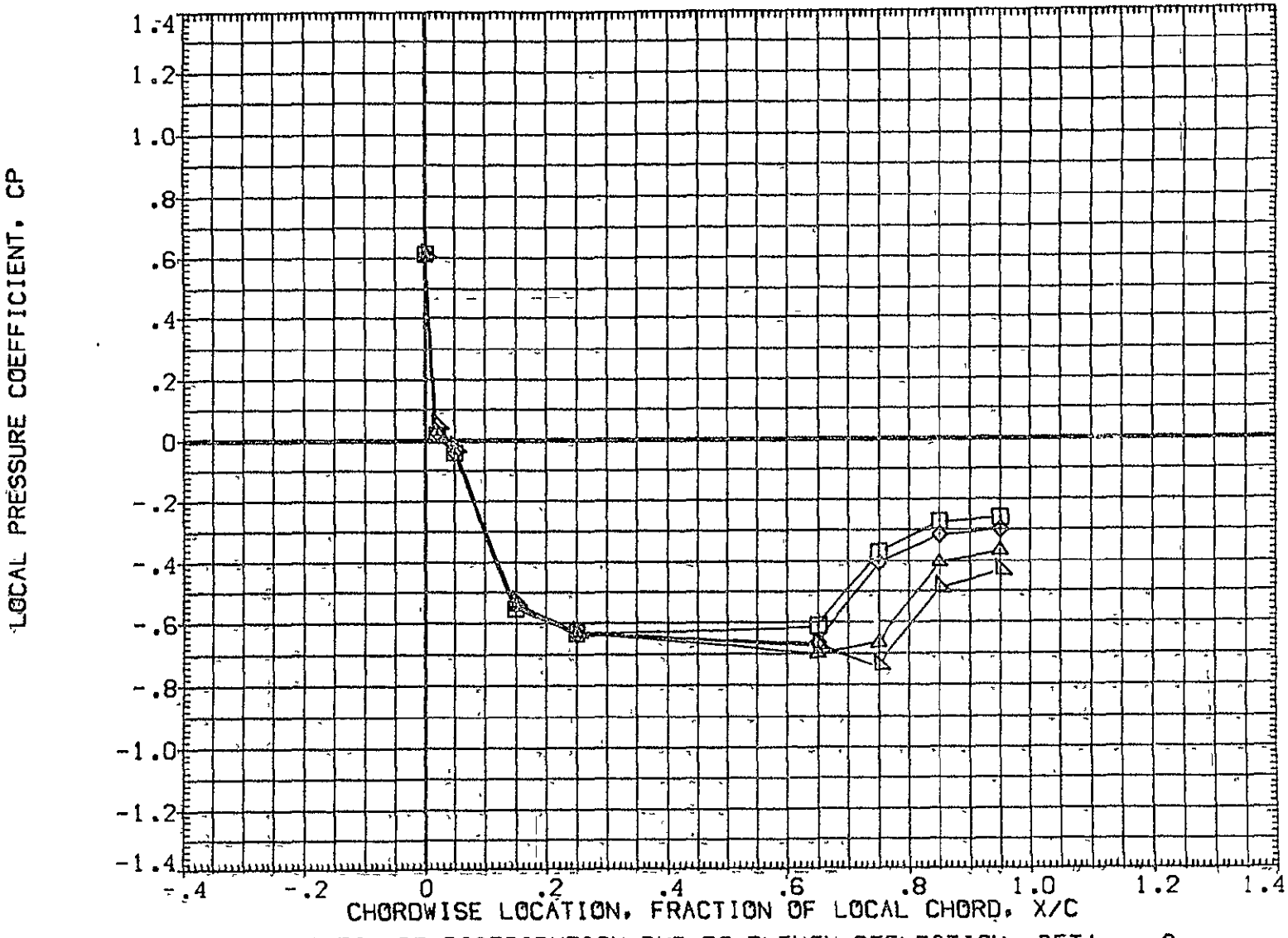

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

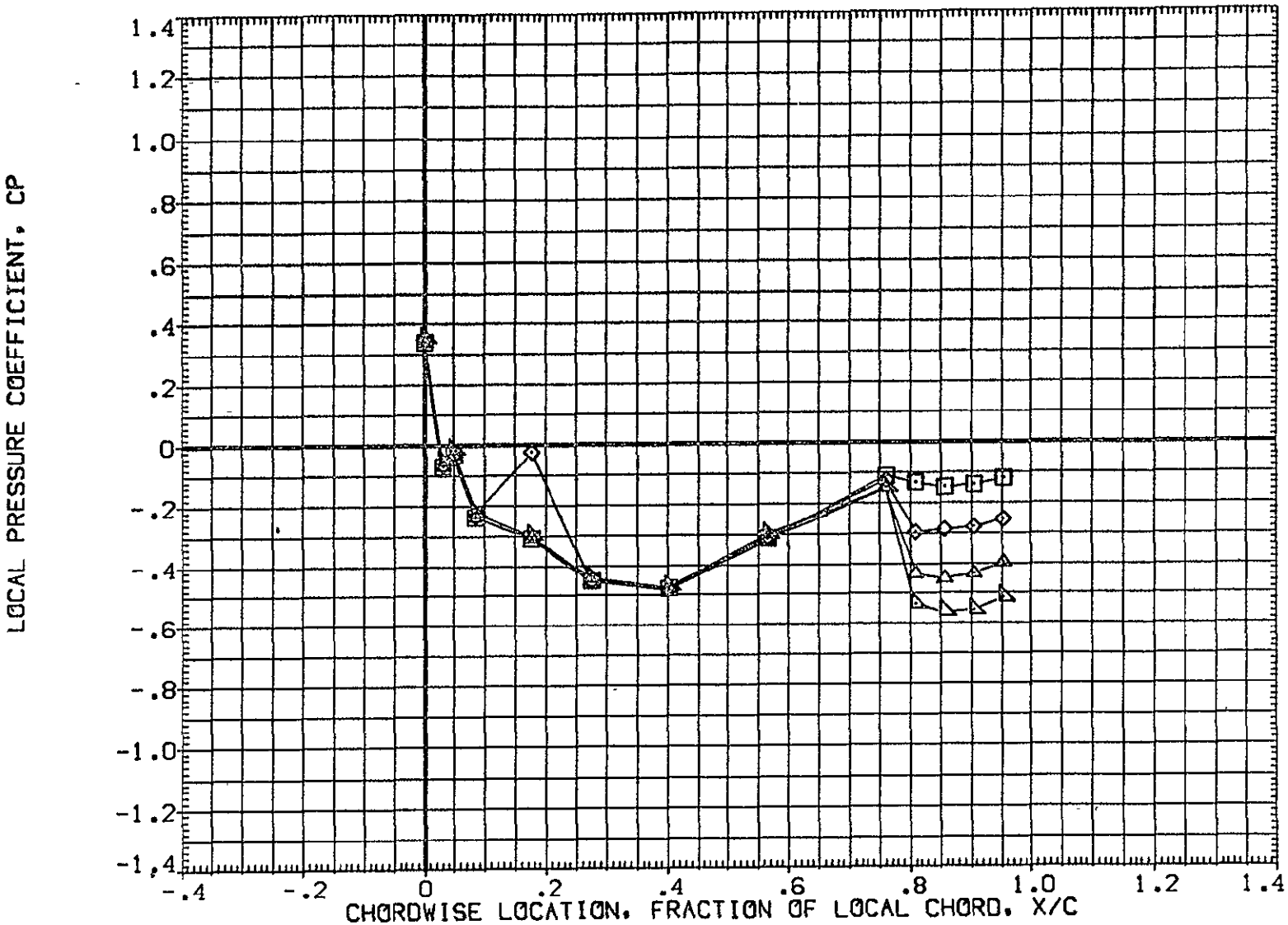

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

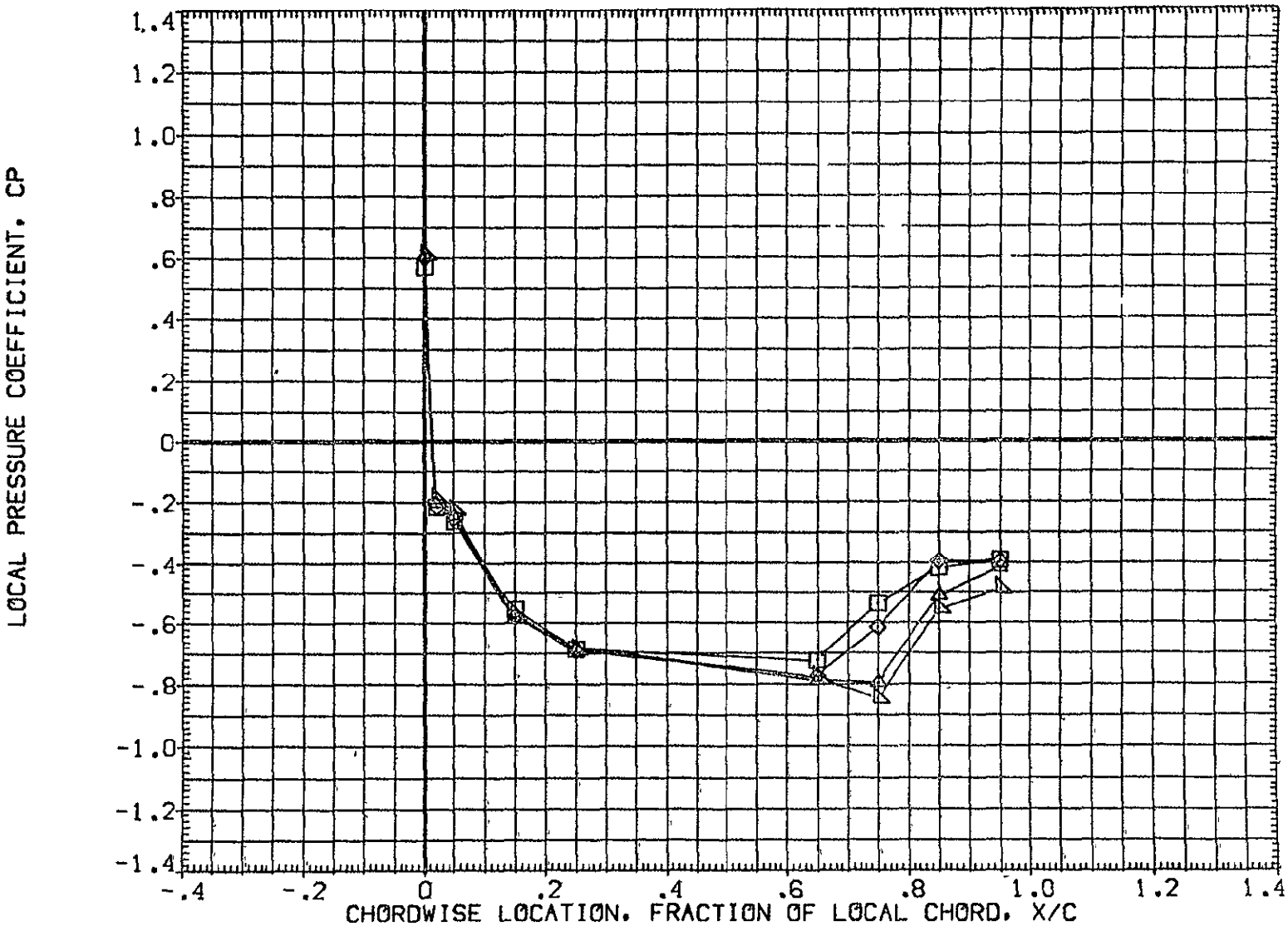

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

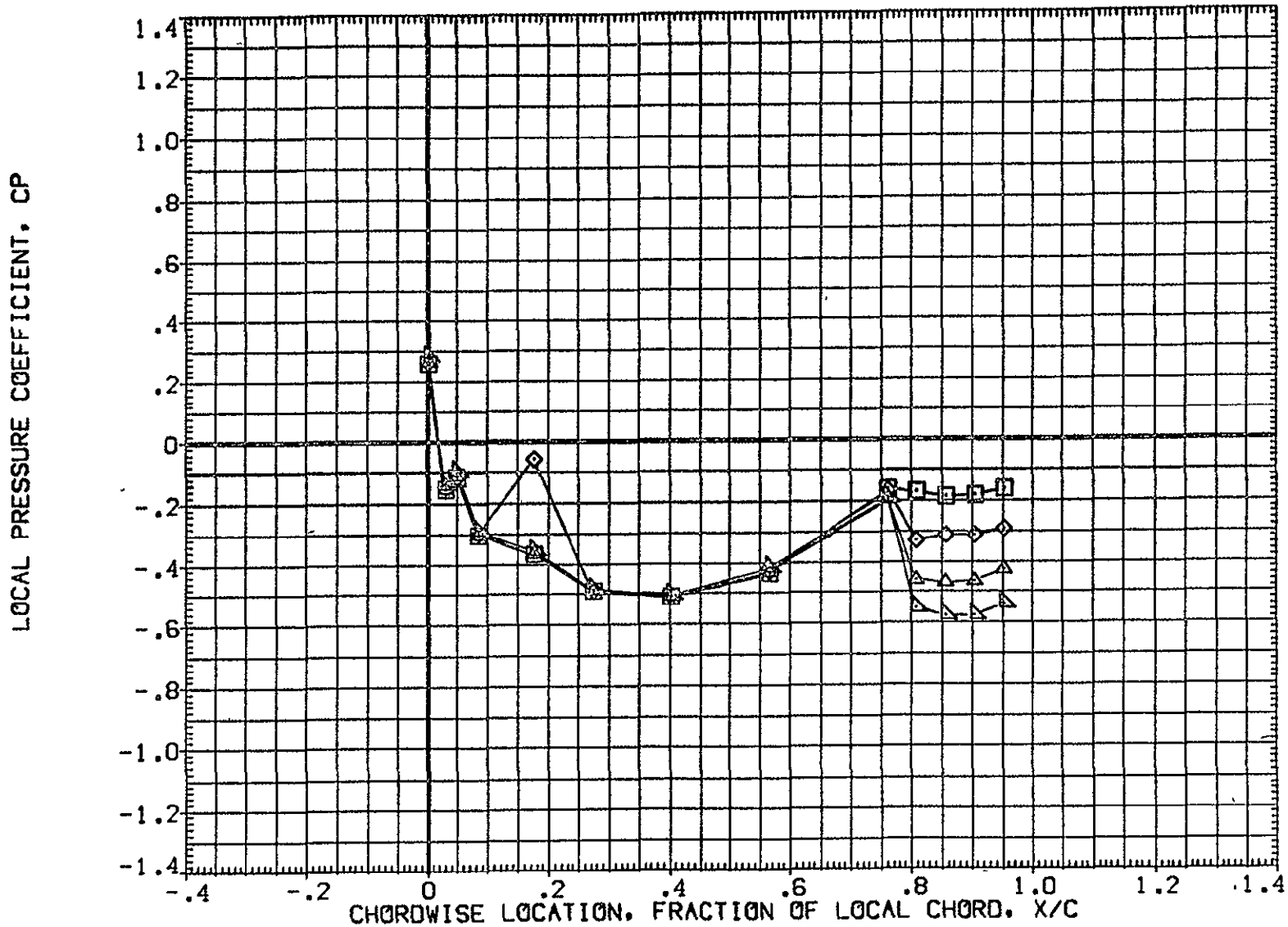

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

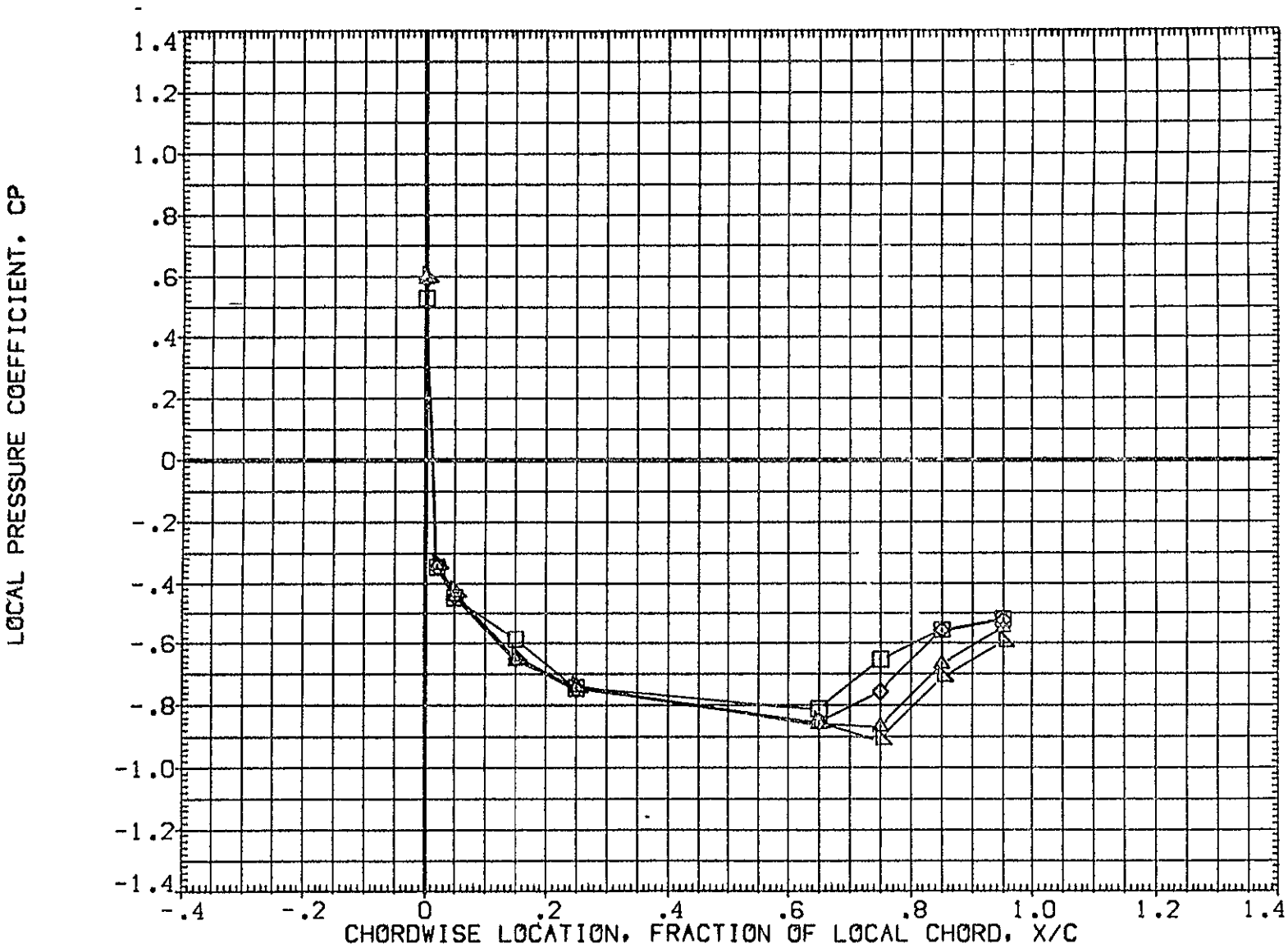

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

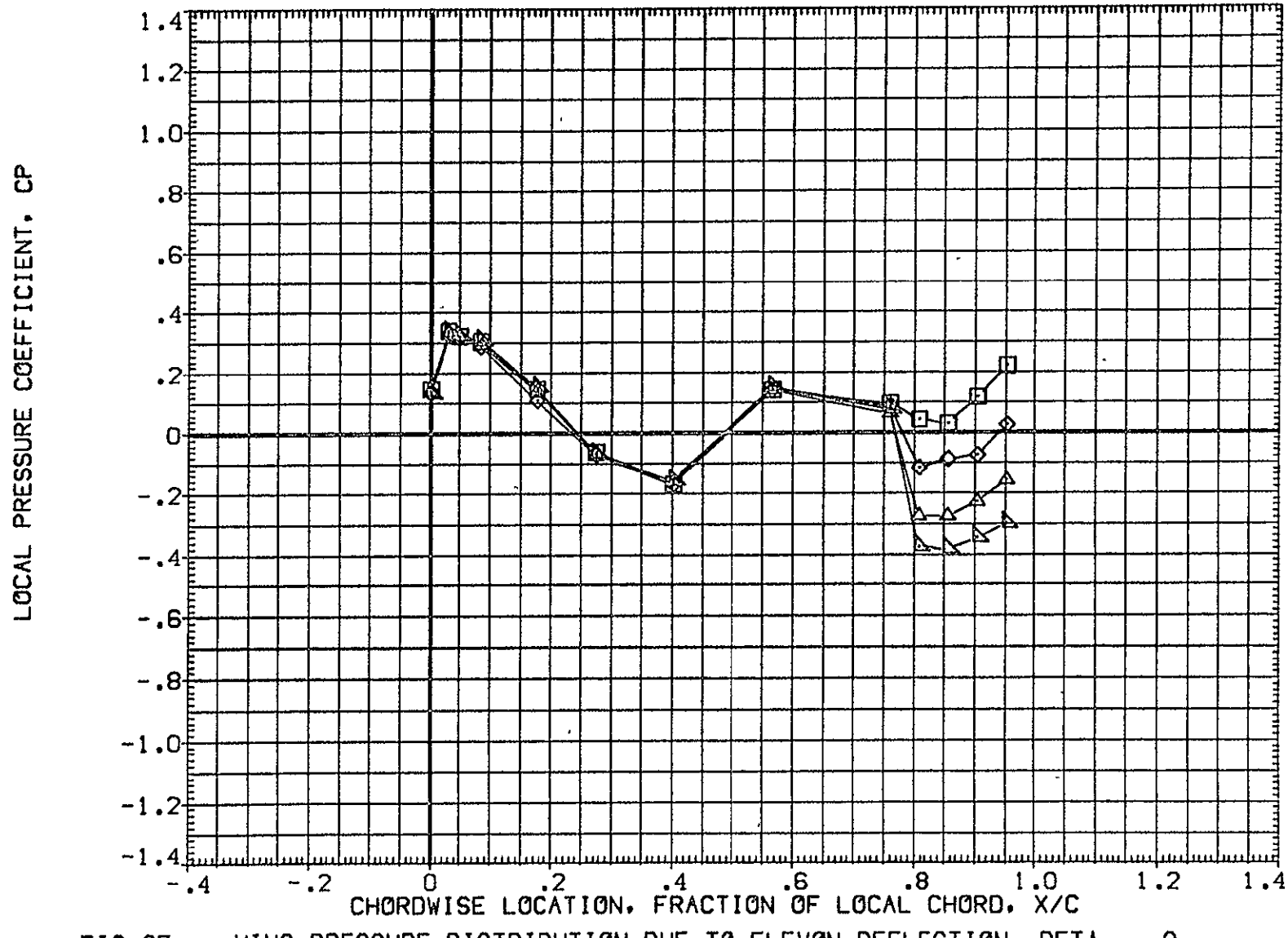

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

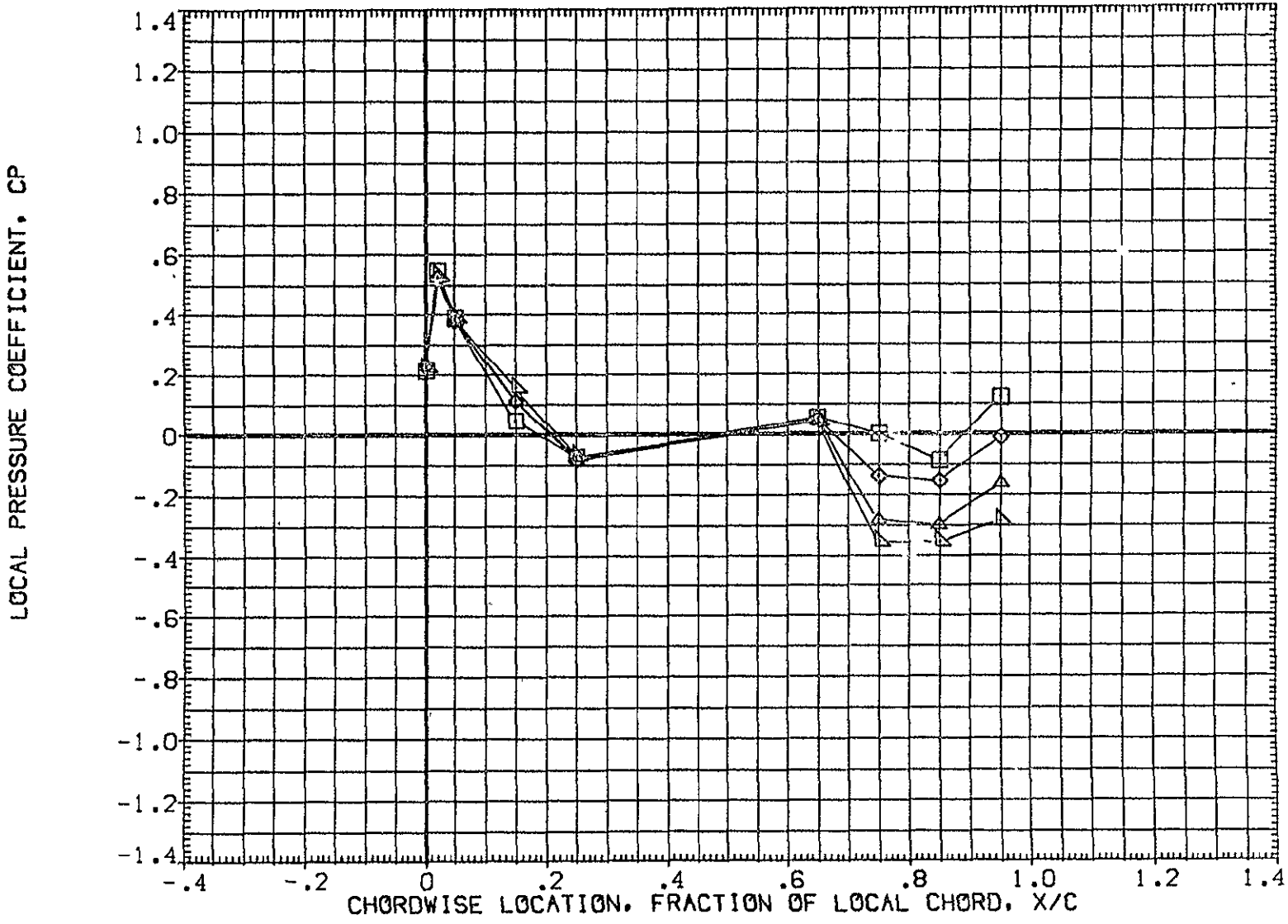

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

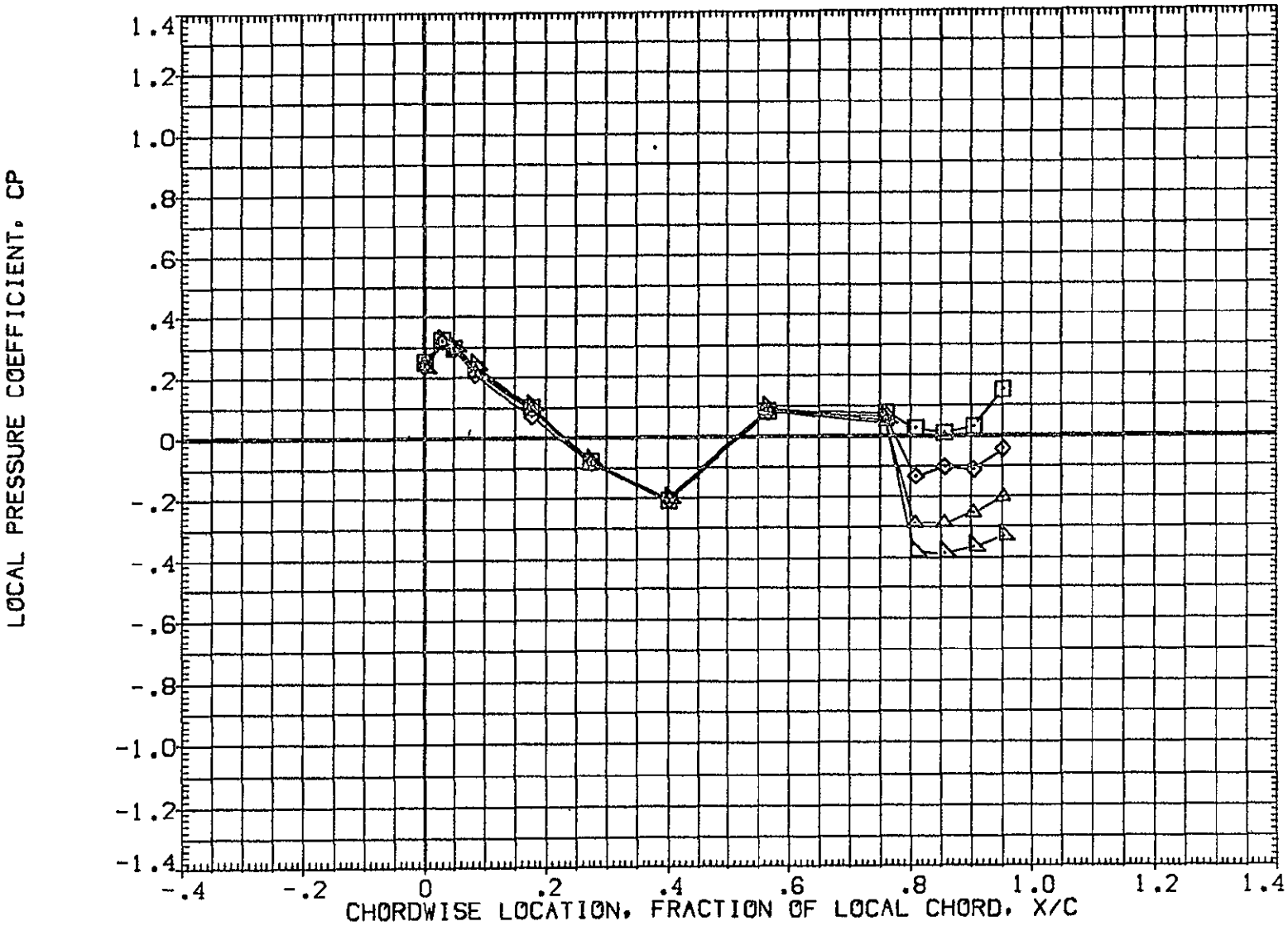

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	◺	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

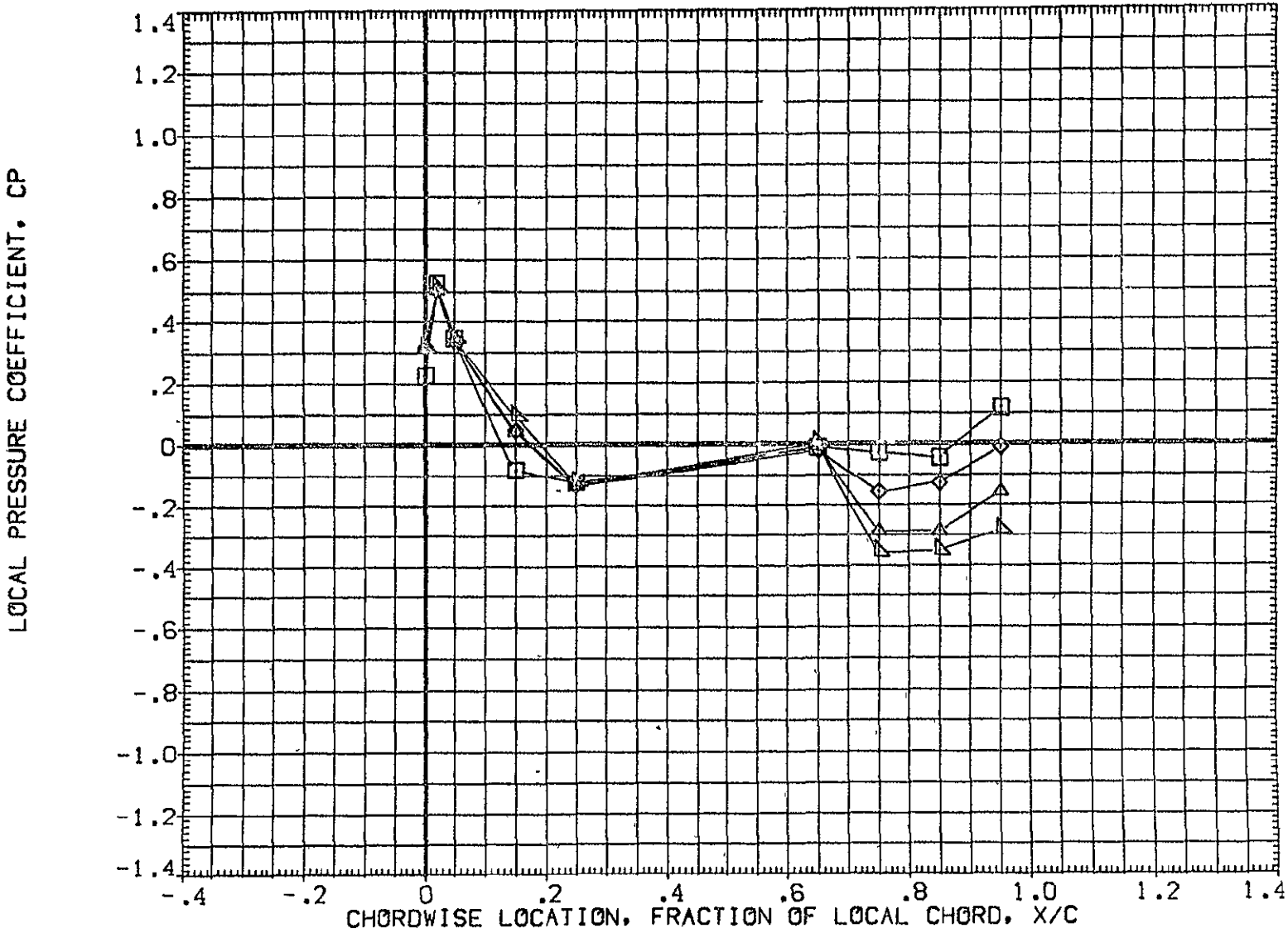

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

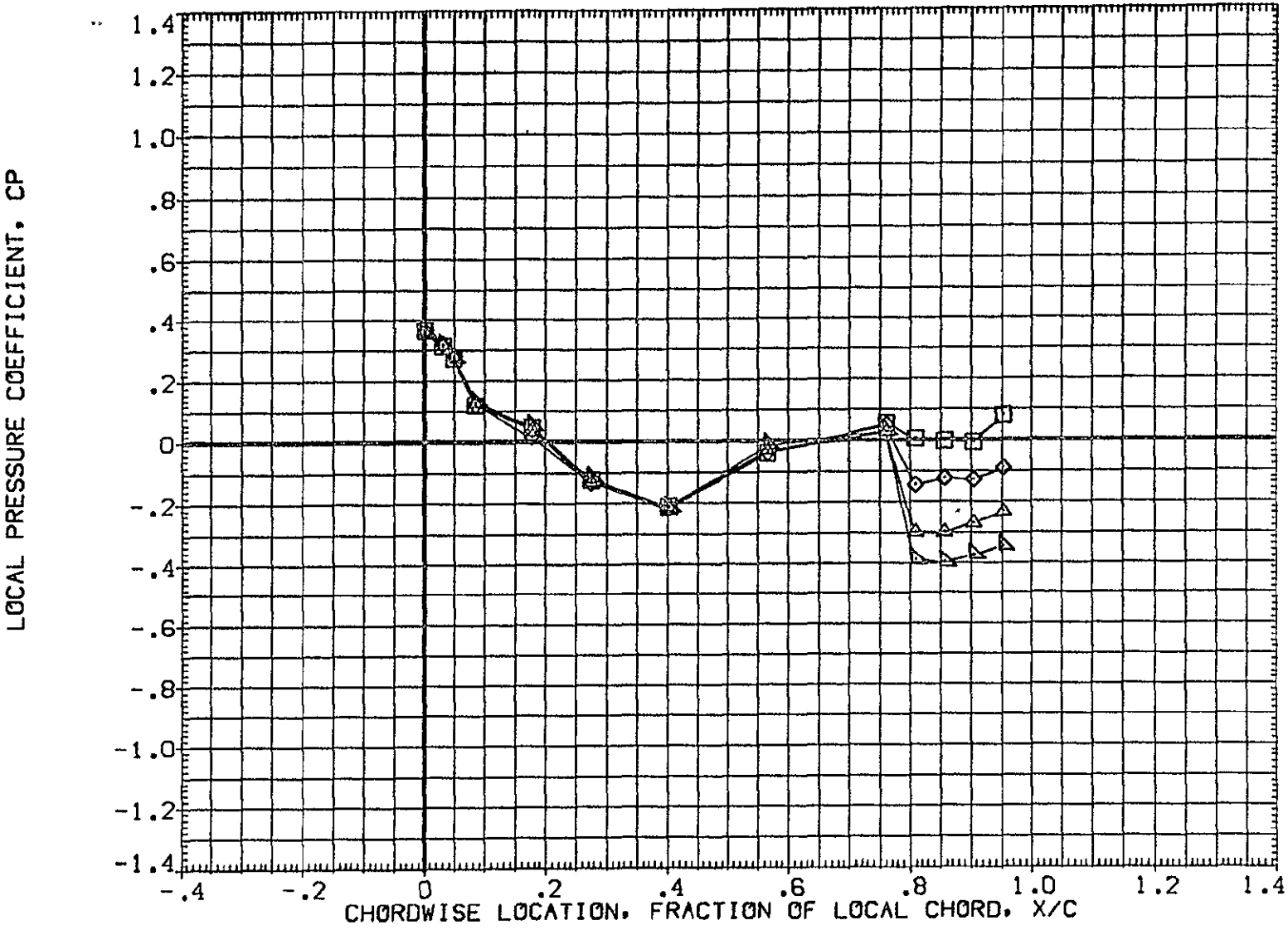

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▷	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

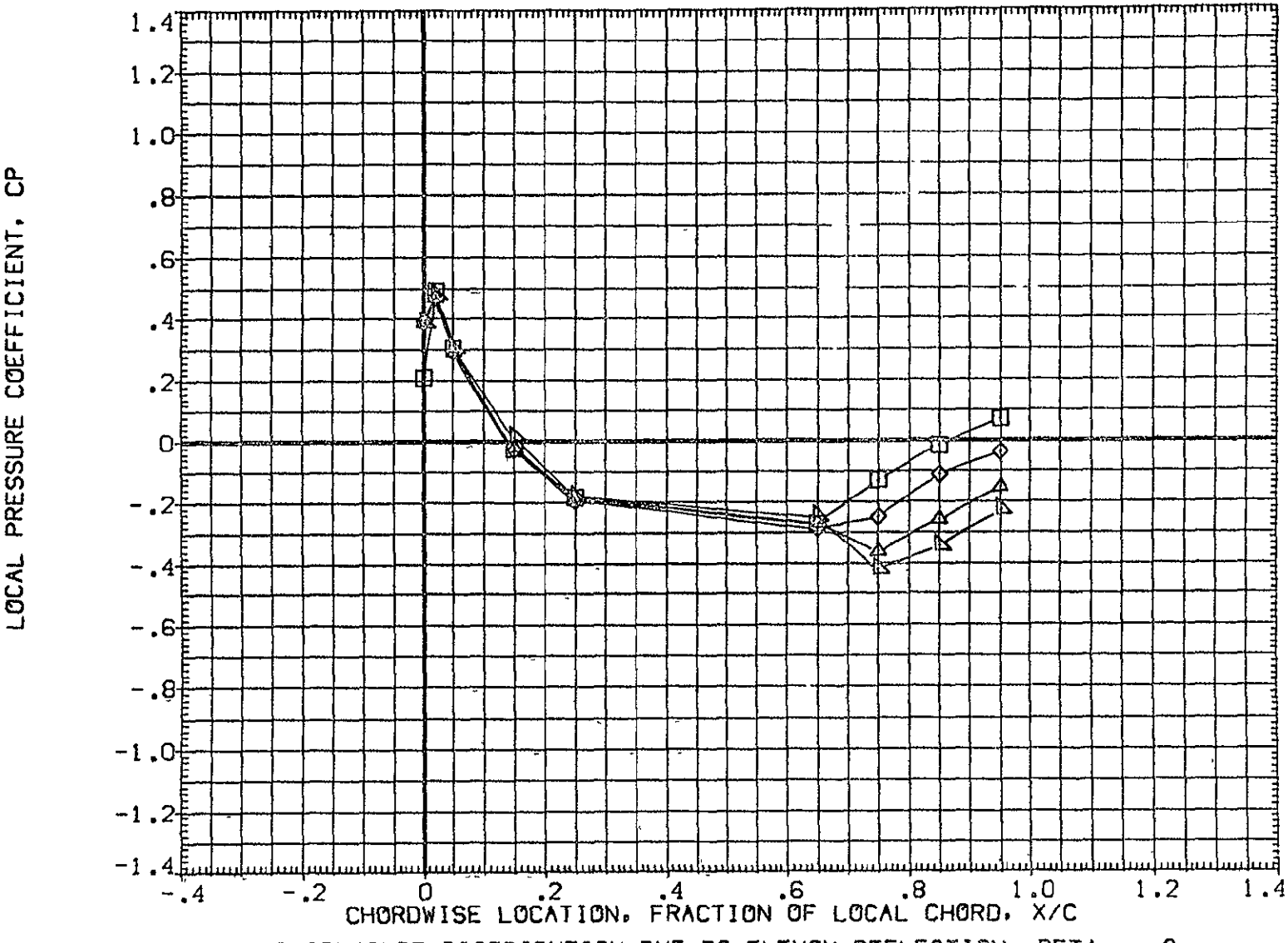

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▱	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

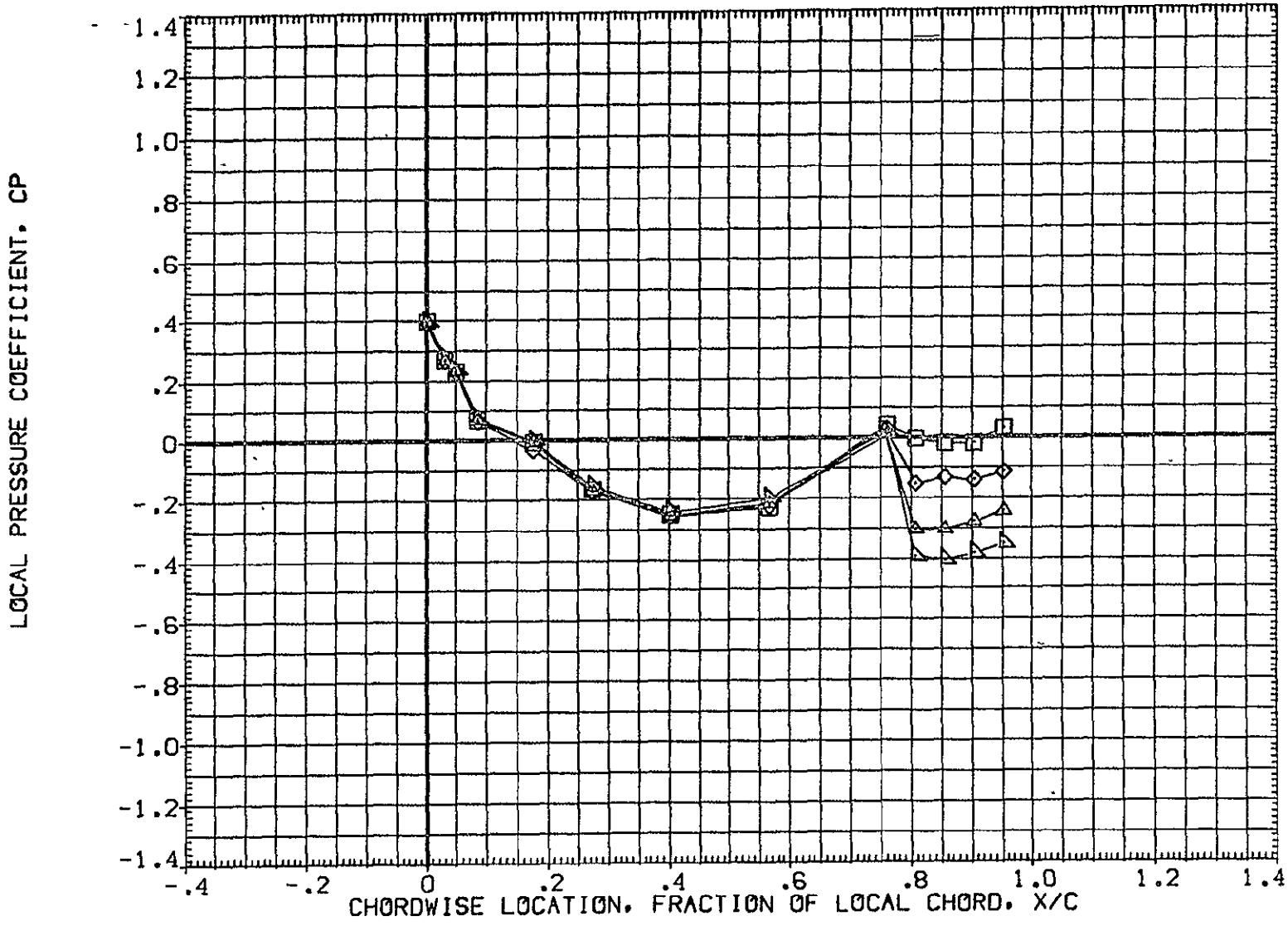

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U4S)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U6Q)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

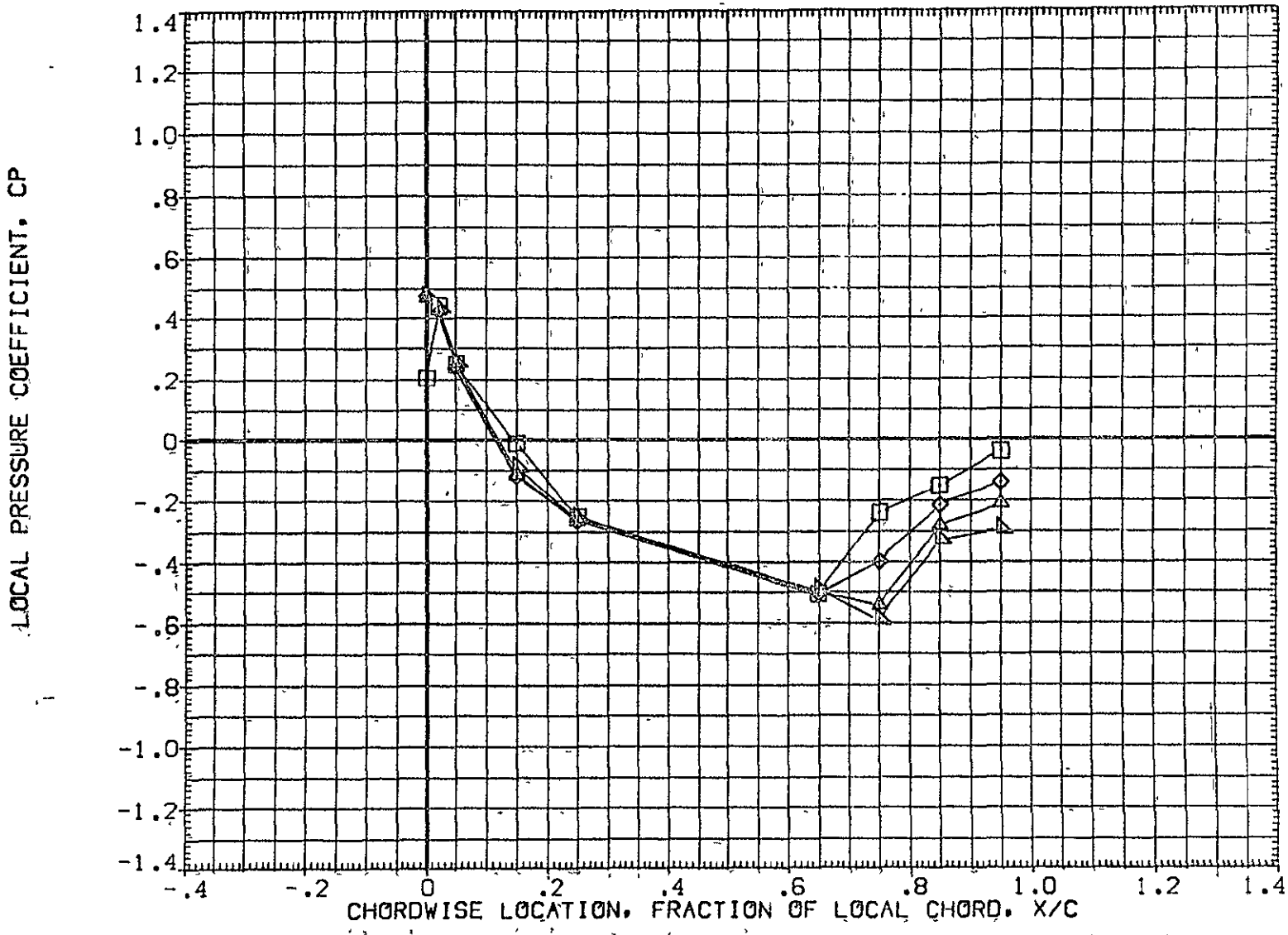

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	▽	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

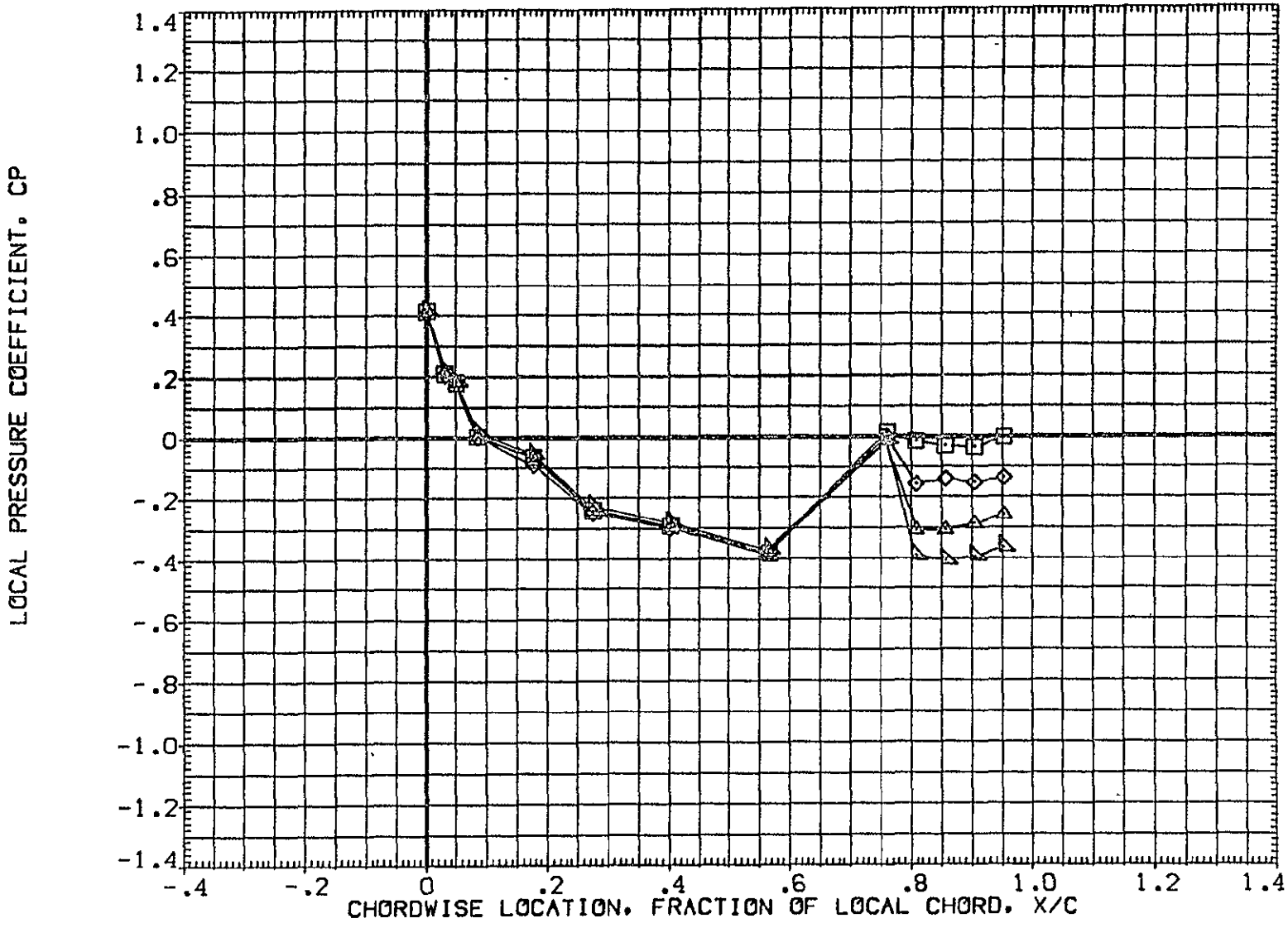

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▷	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

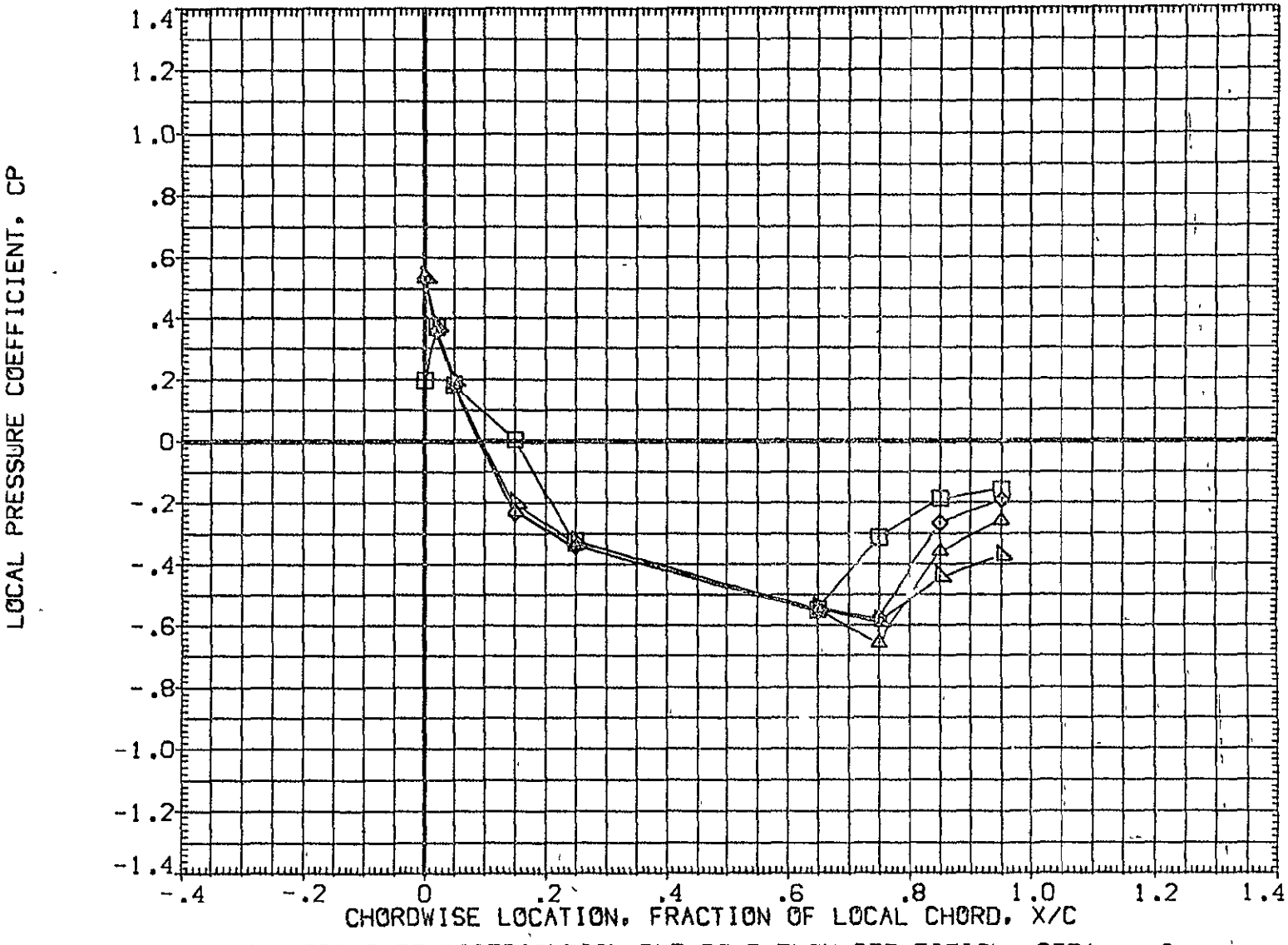

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	⋈	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▷	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

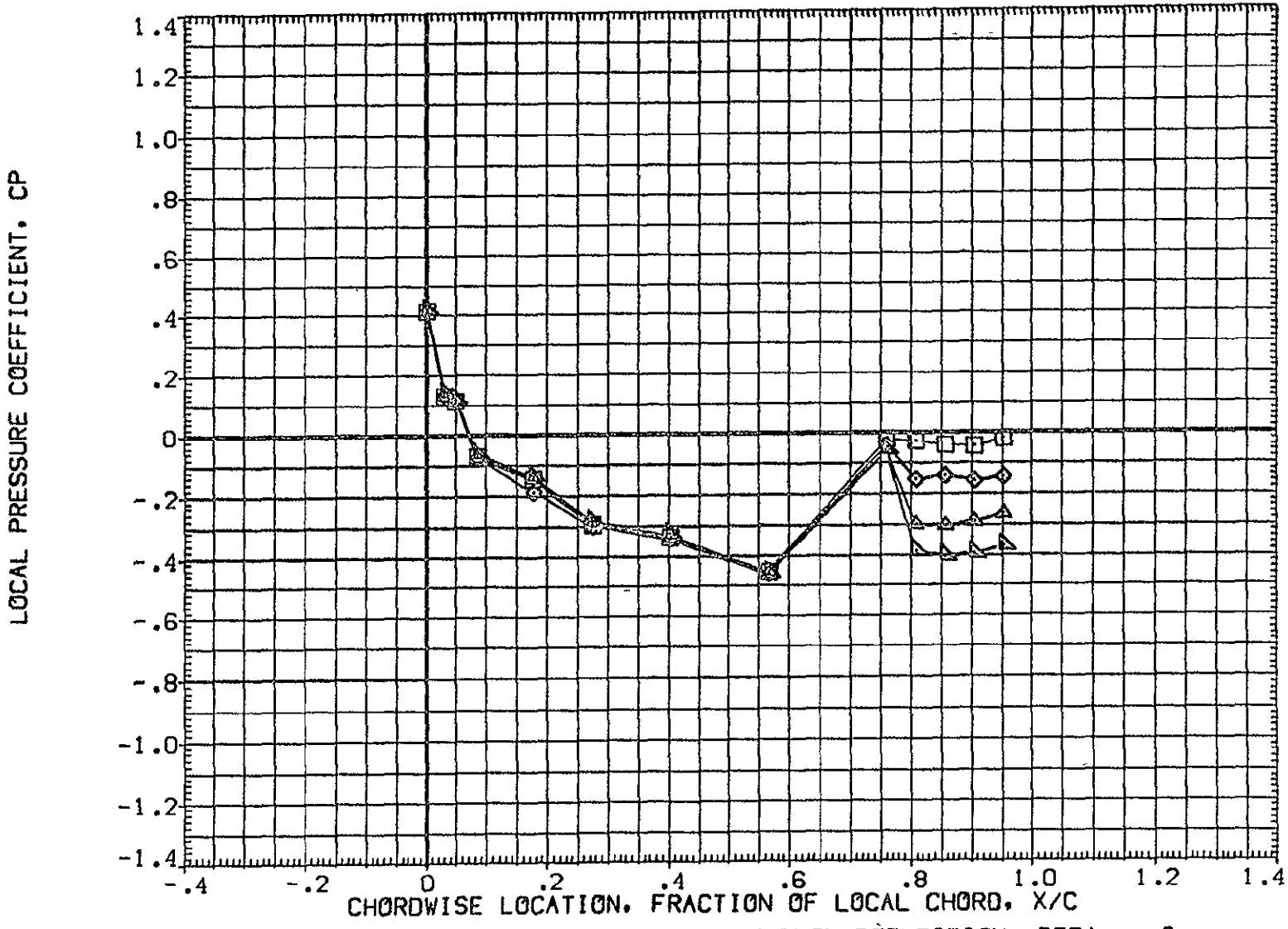

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

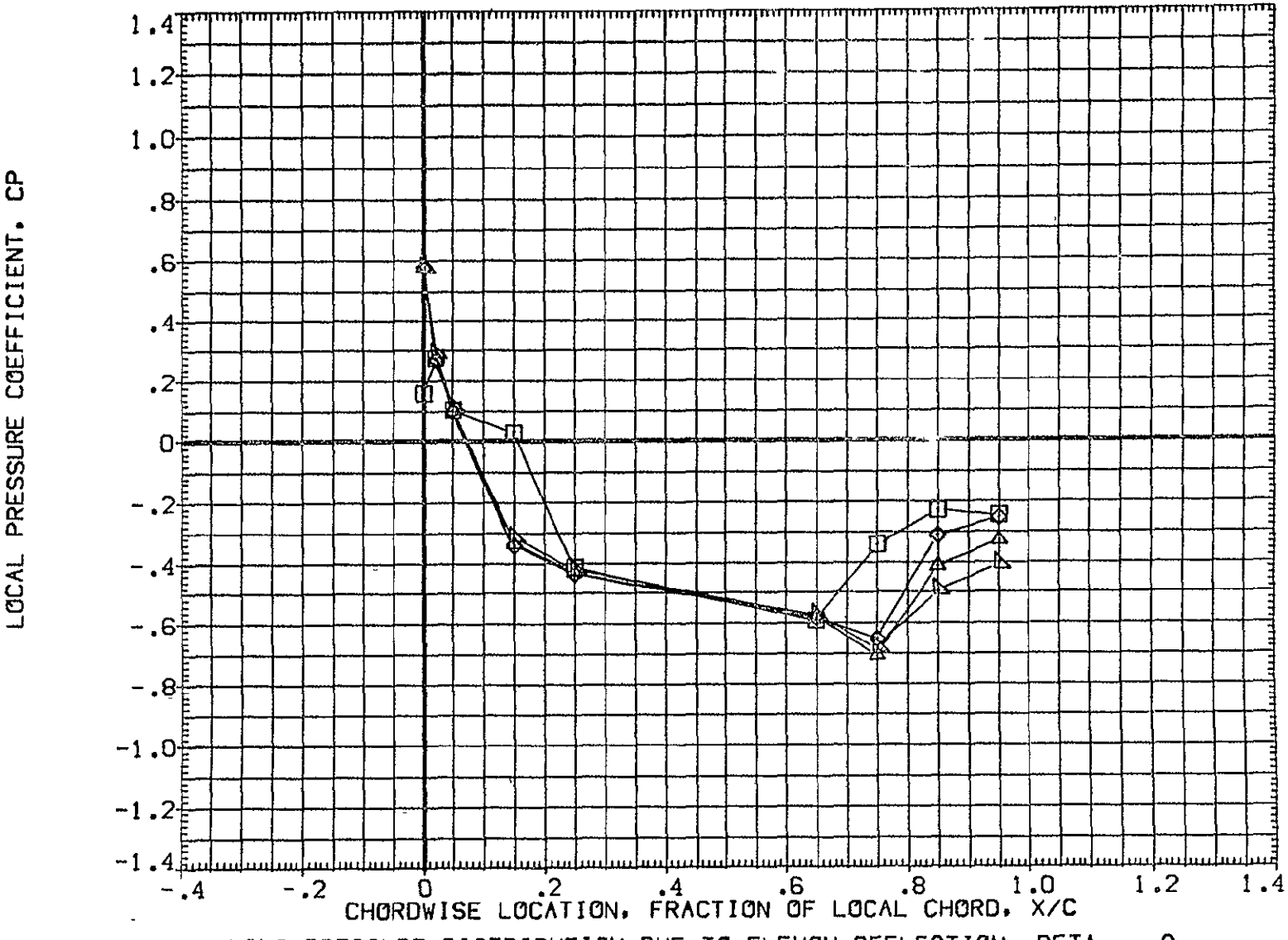

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

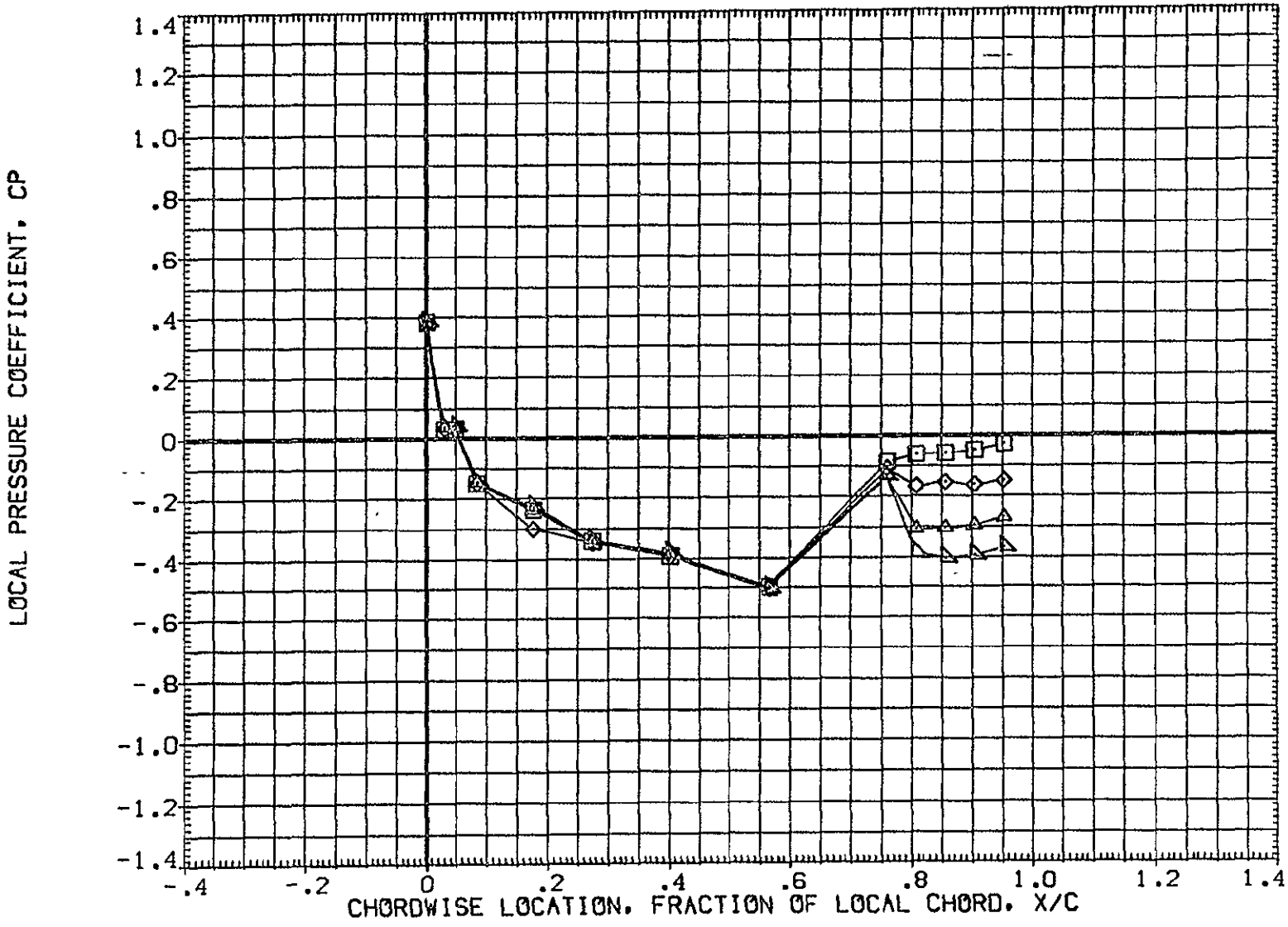

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	◺	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

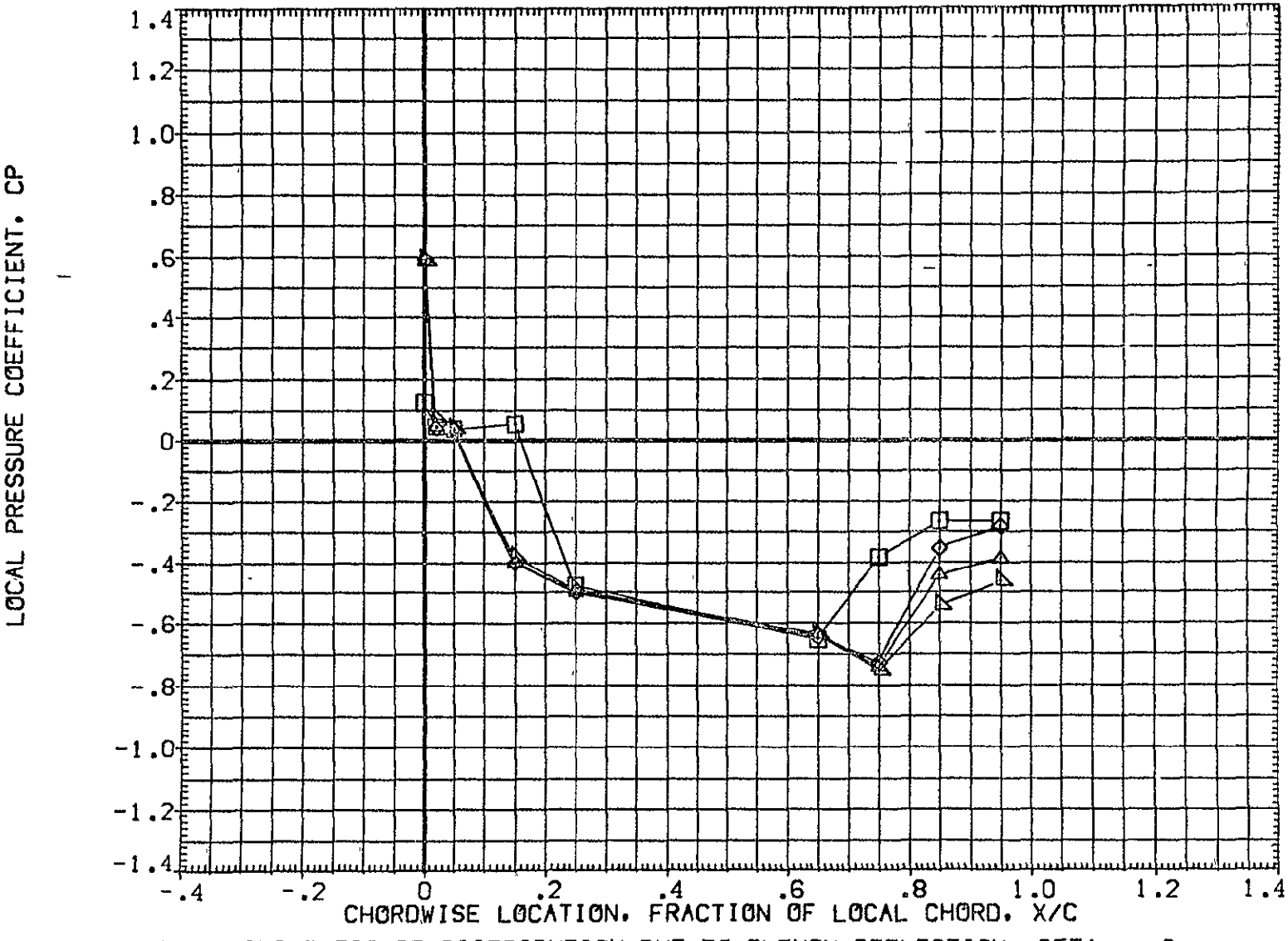

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

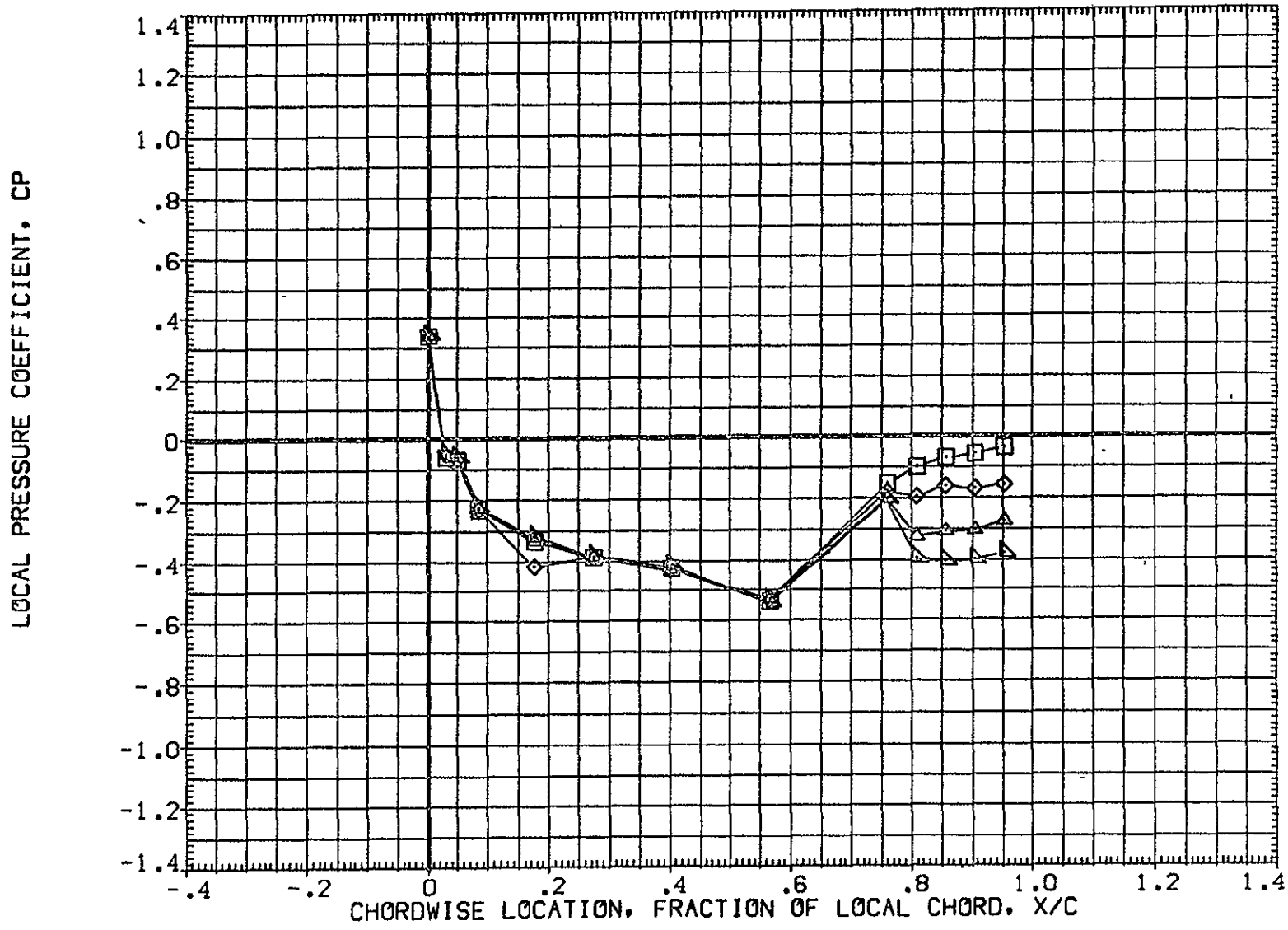

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

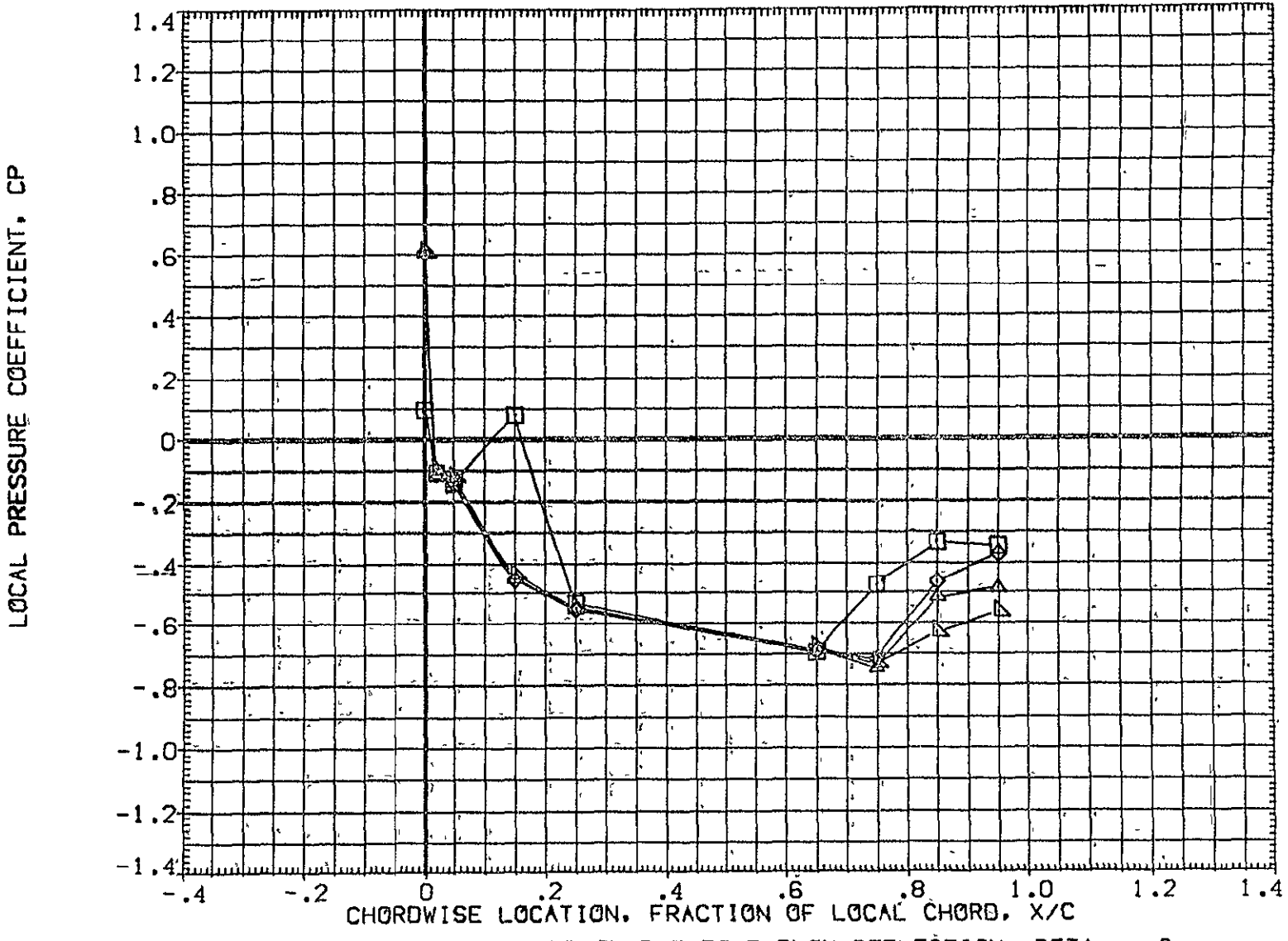

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

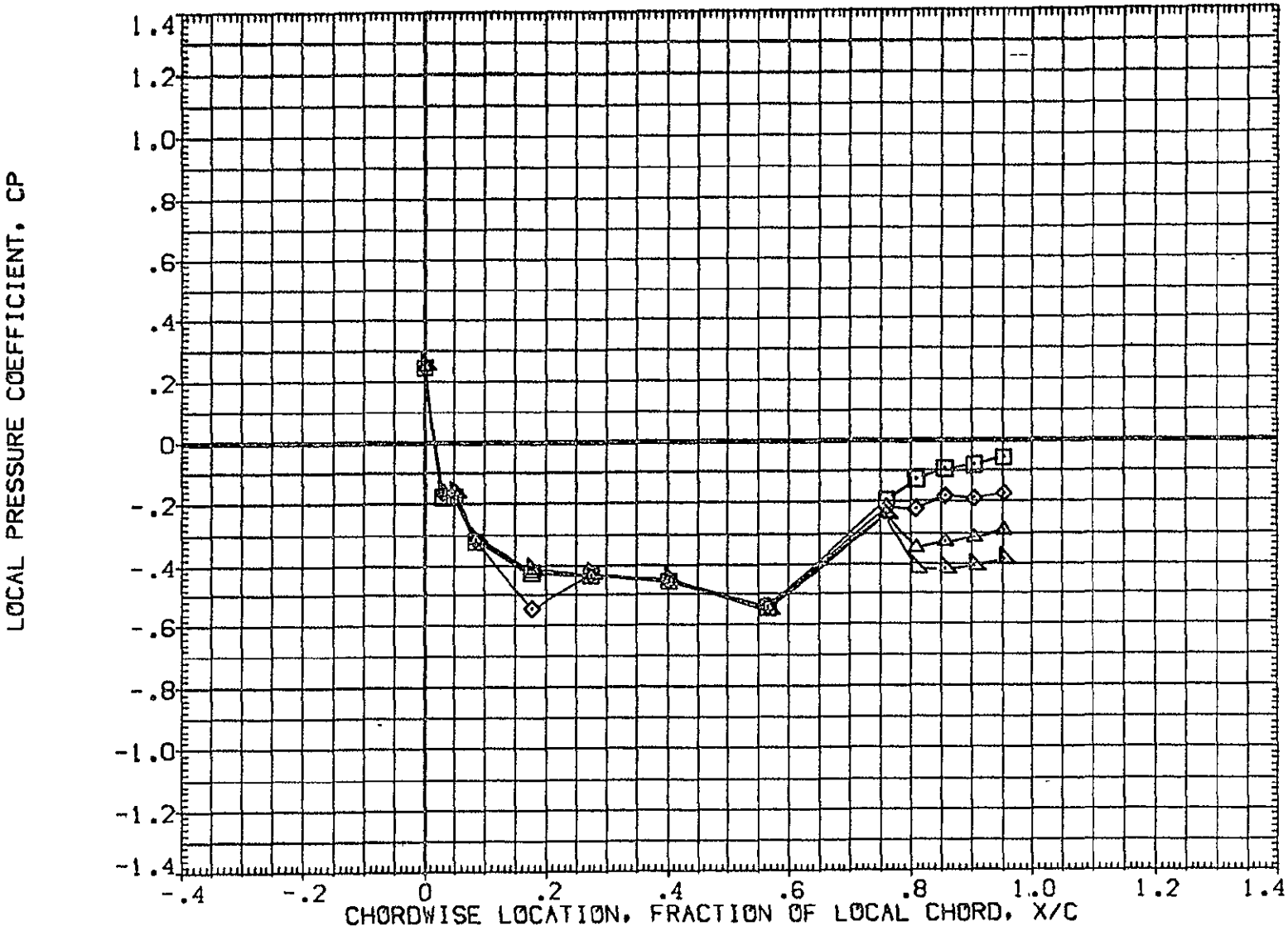

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

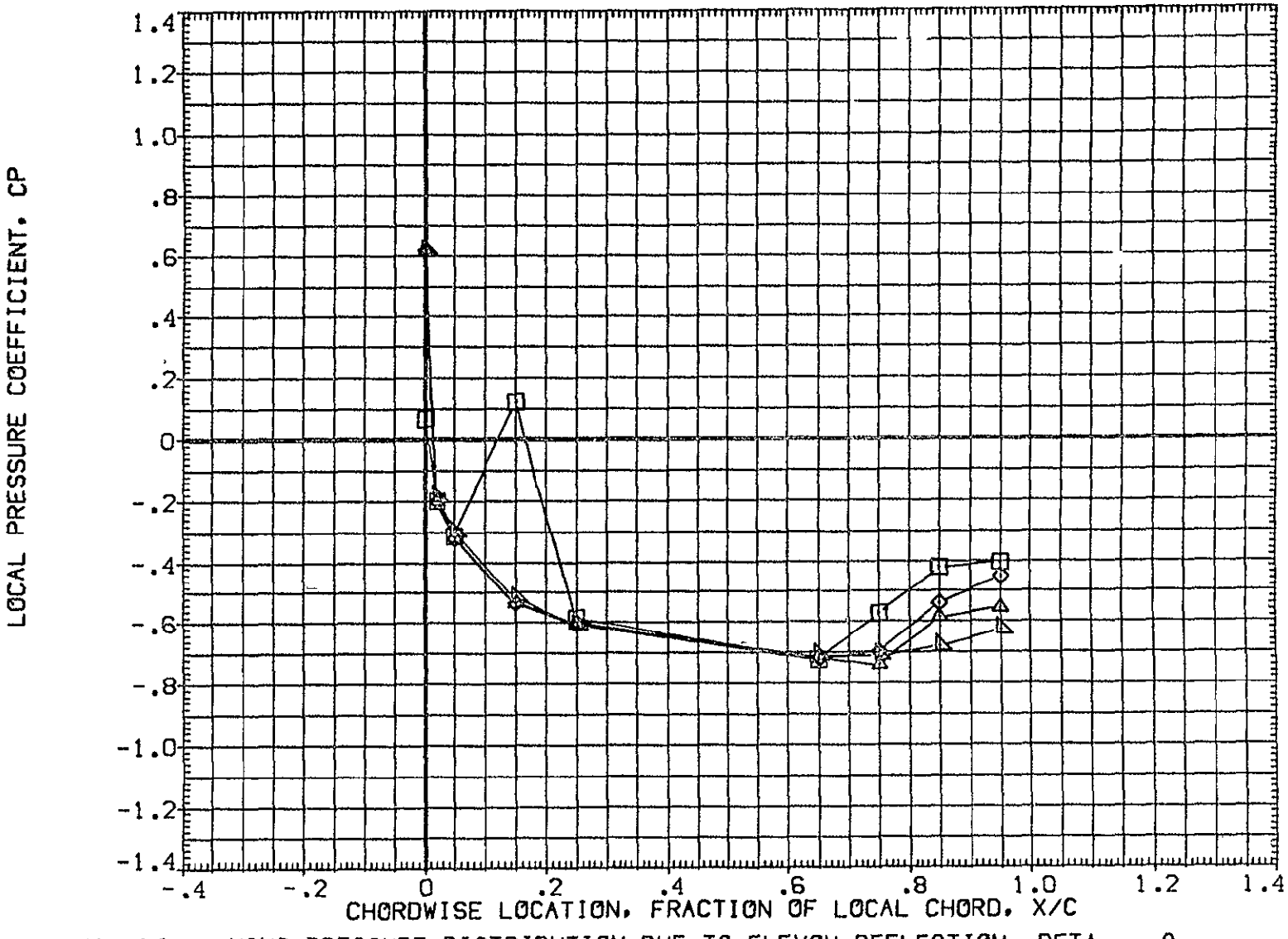

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

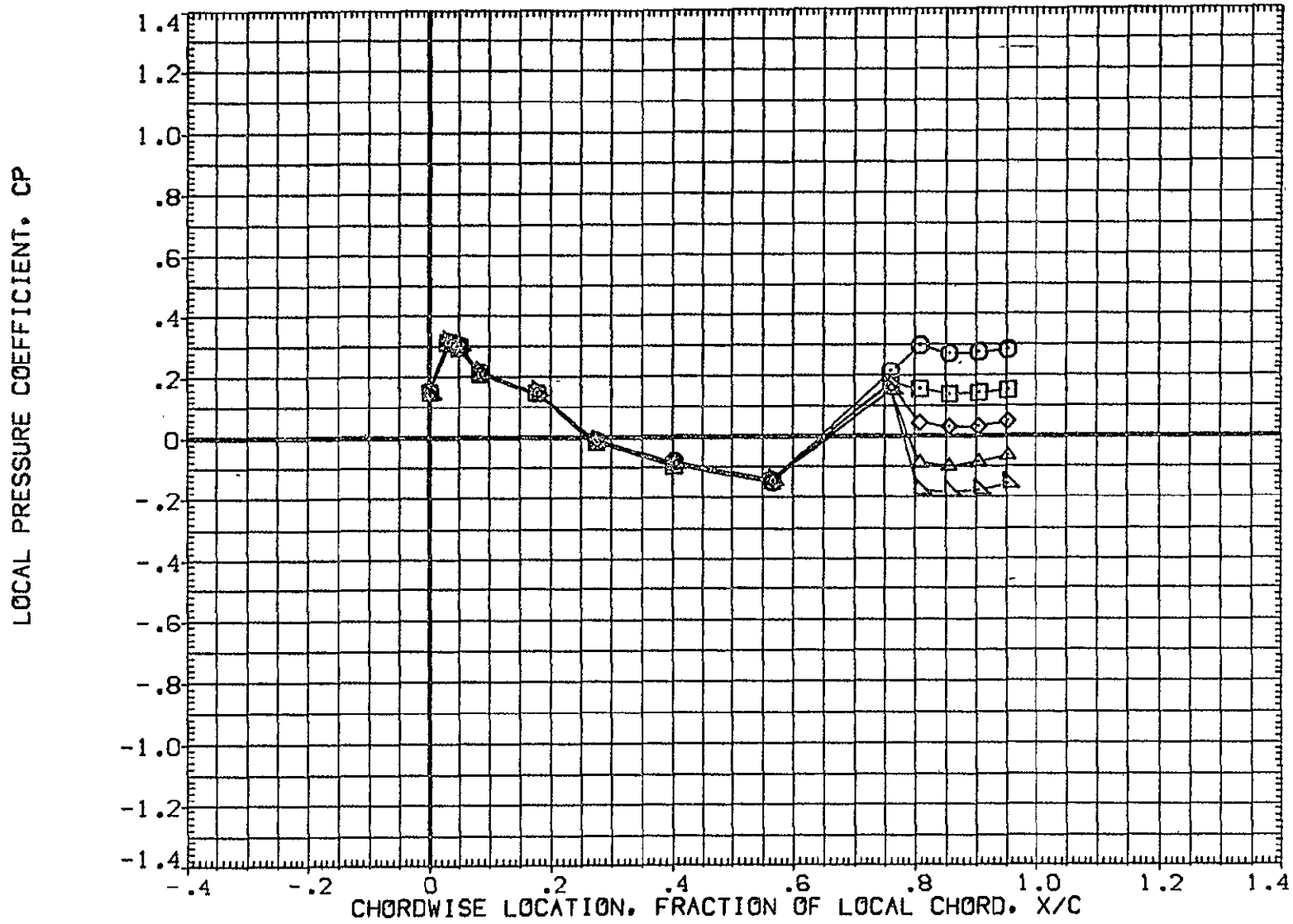

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

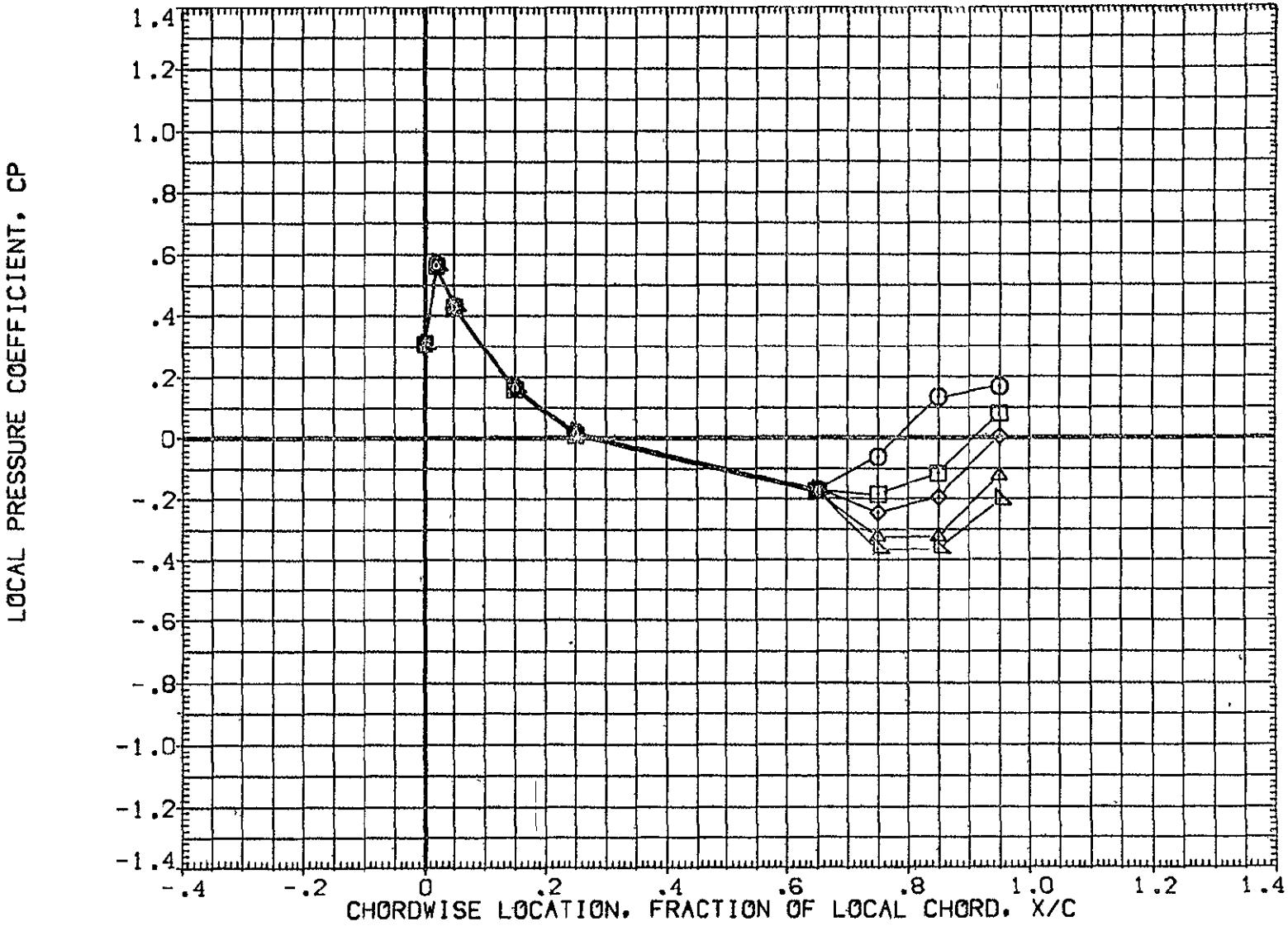

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	IA70	01	T12	S1	P2	P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70	01	T12	S1	P2	P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	IA70	01	T12	S1	P2	P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	▽	IA70	01	T12	S1	P2	P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	IA70	01	T12	S1	P2	P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

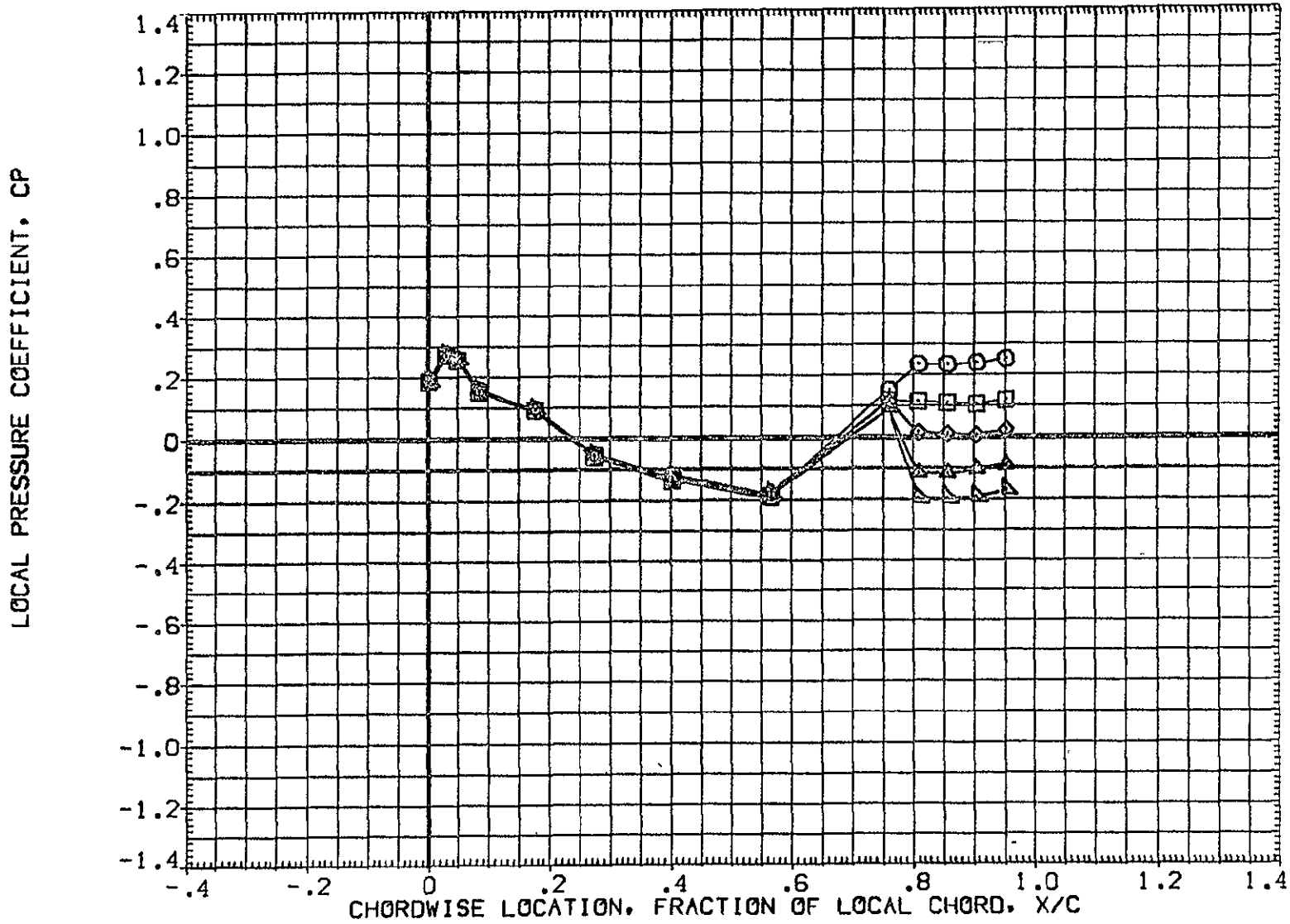

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

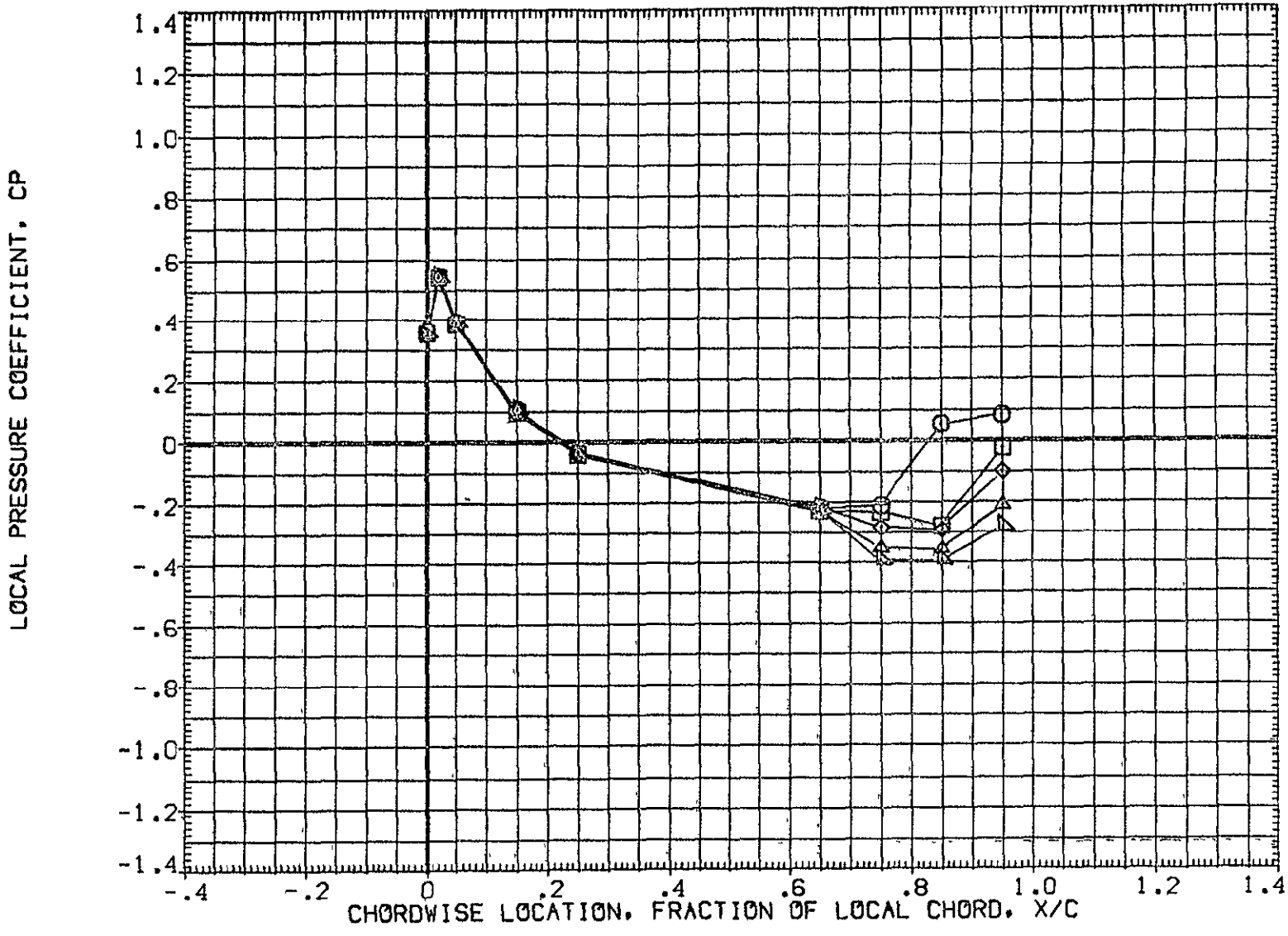

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

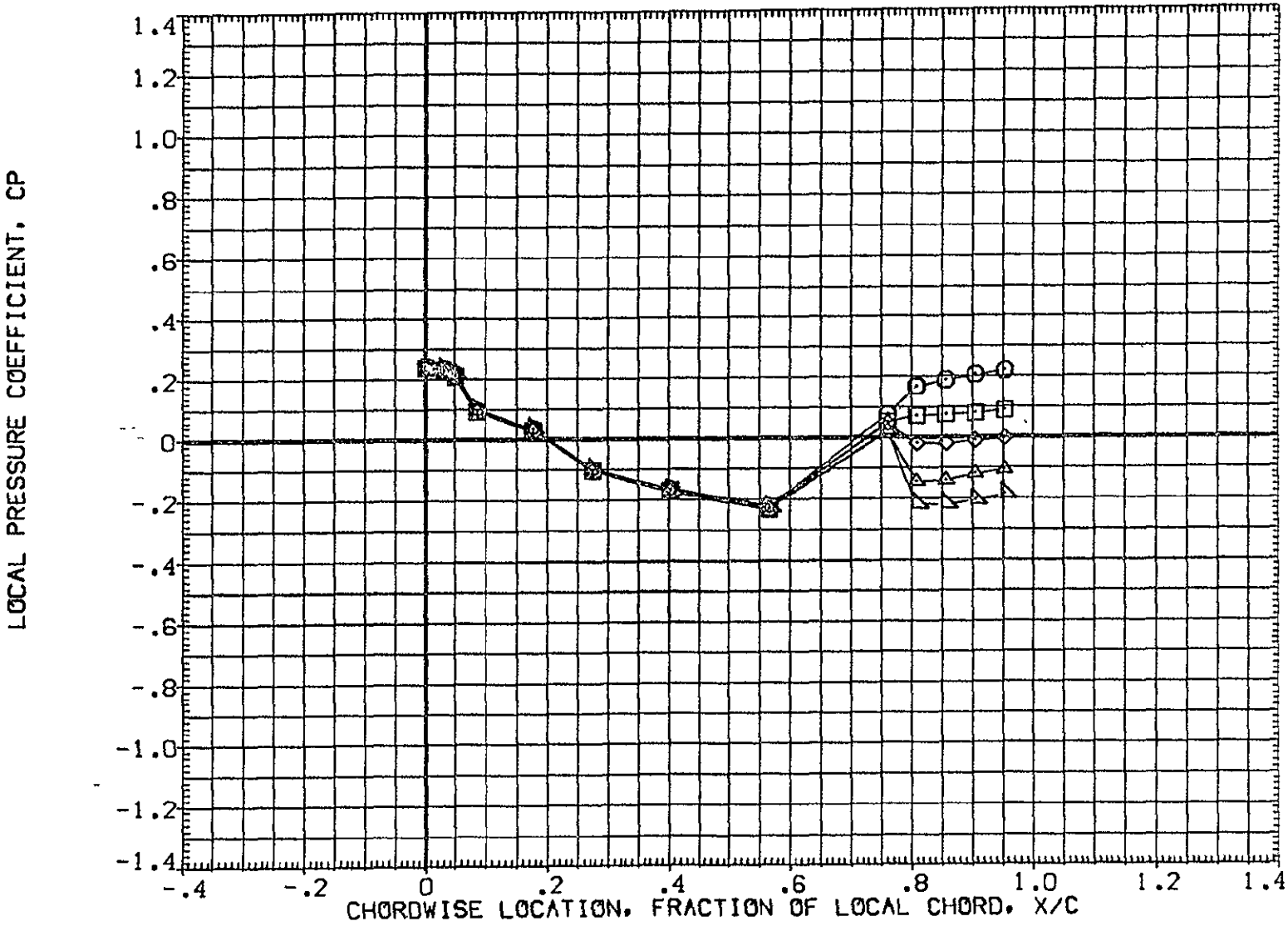

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	▷	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

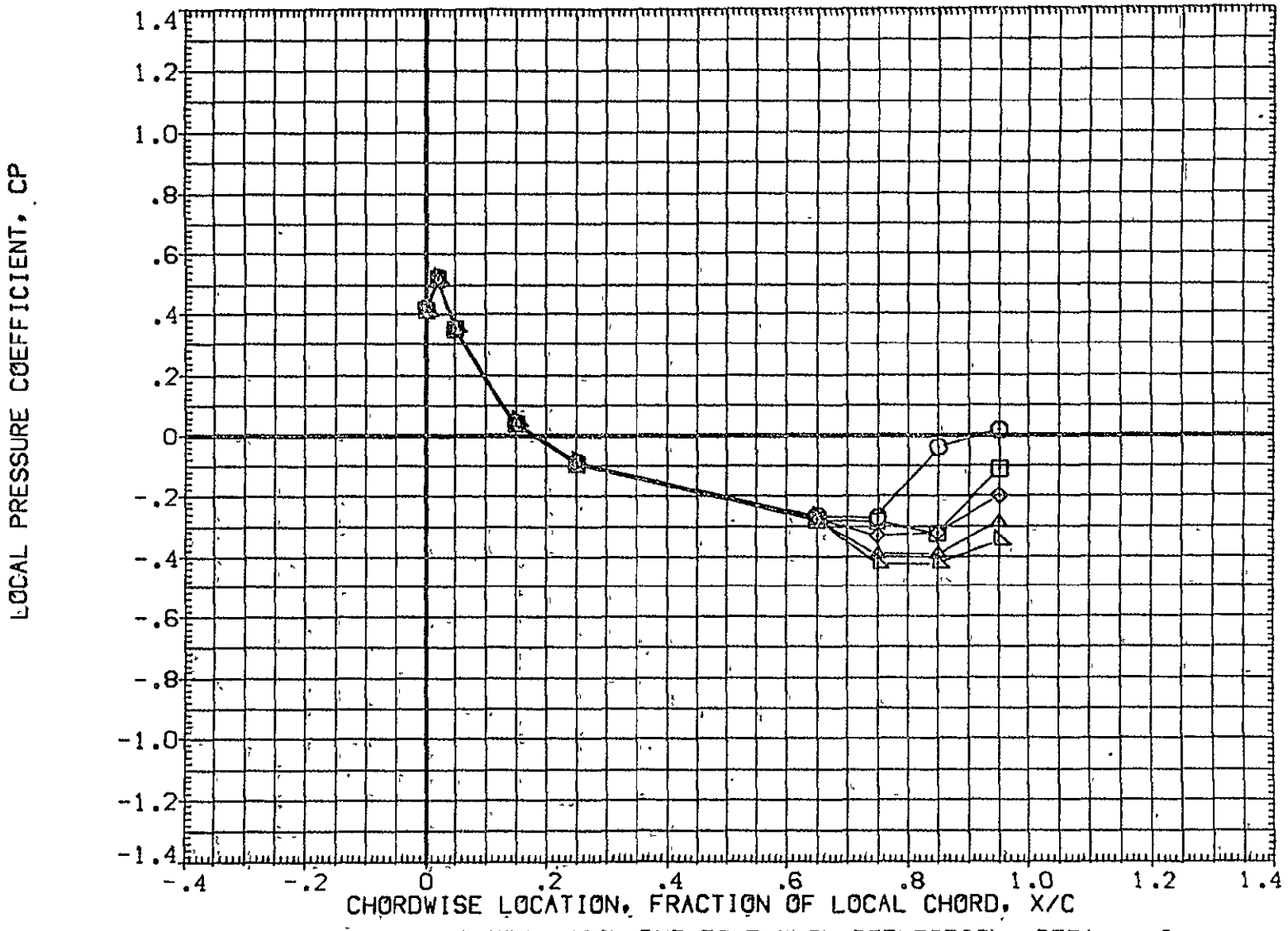

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▷	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

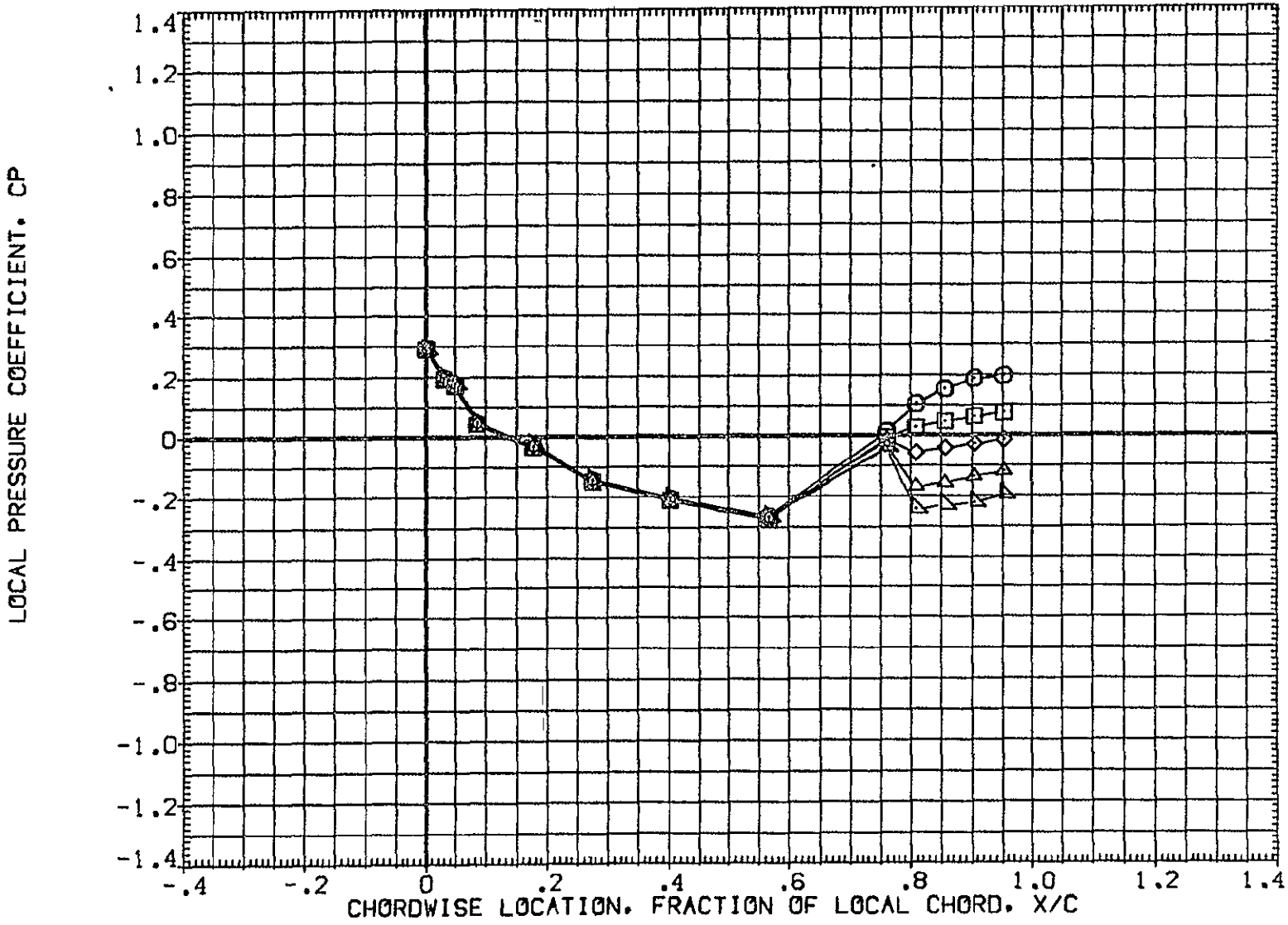

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	◁	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

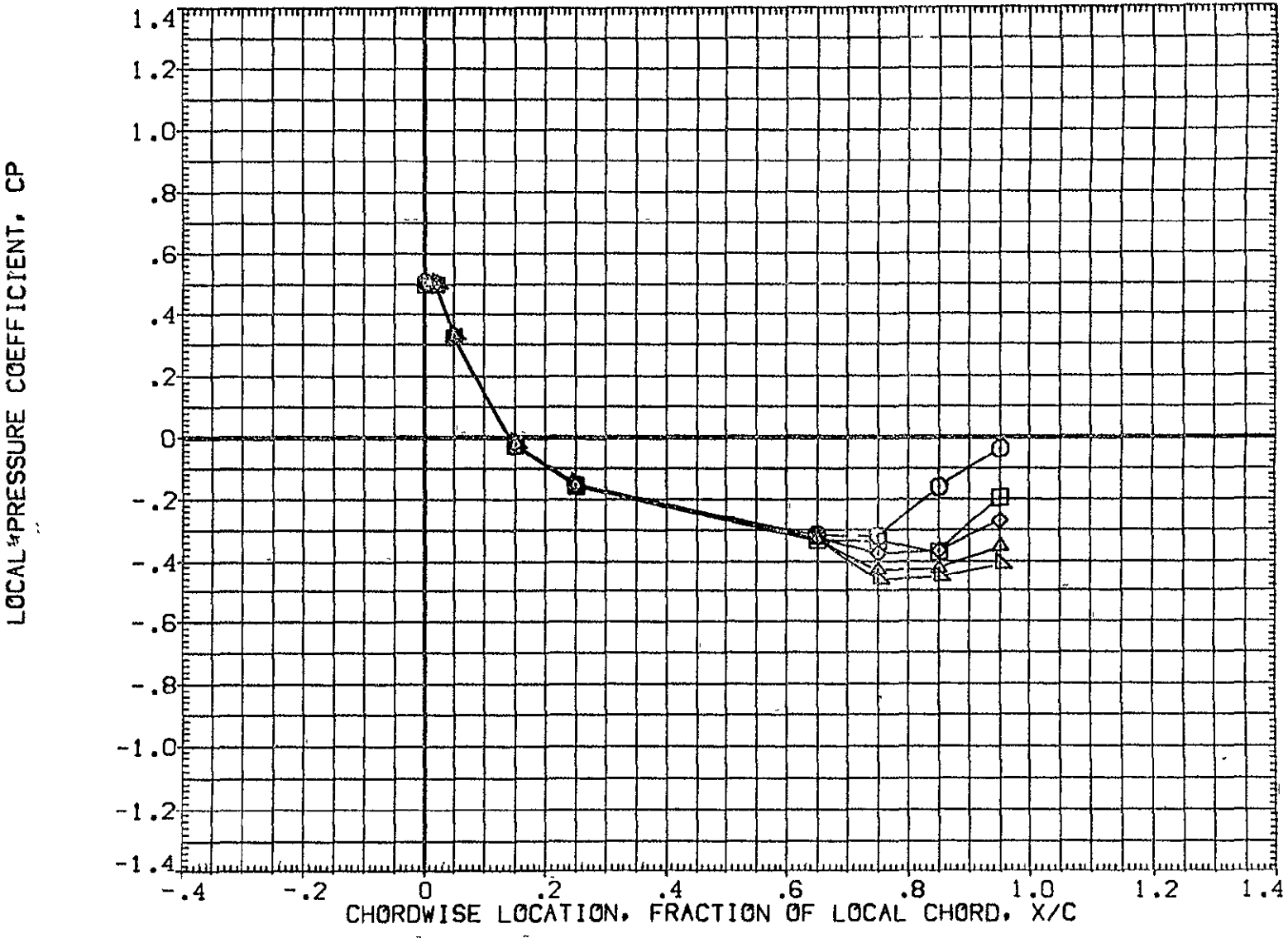

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	IA70 G1 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 G1 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	⋈	IA70 G1 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	◁	IA70 G1 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	IA70 G1 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

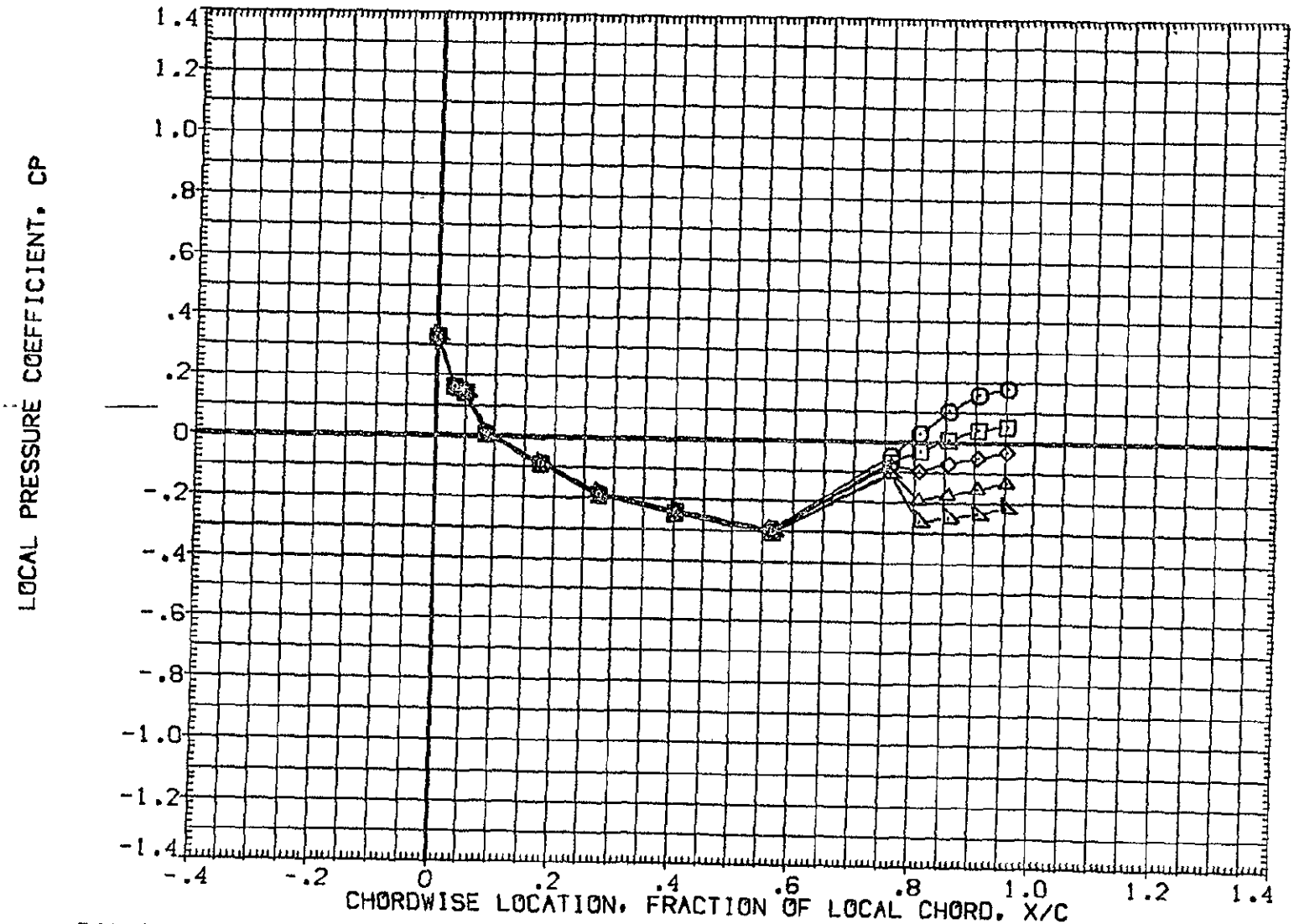

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▷	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

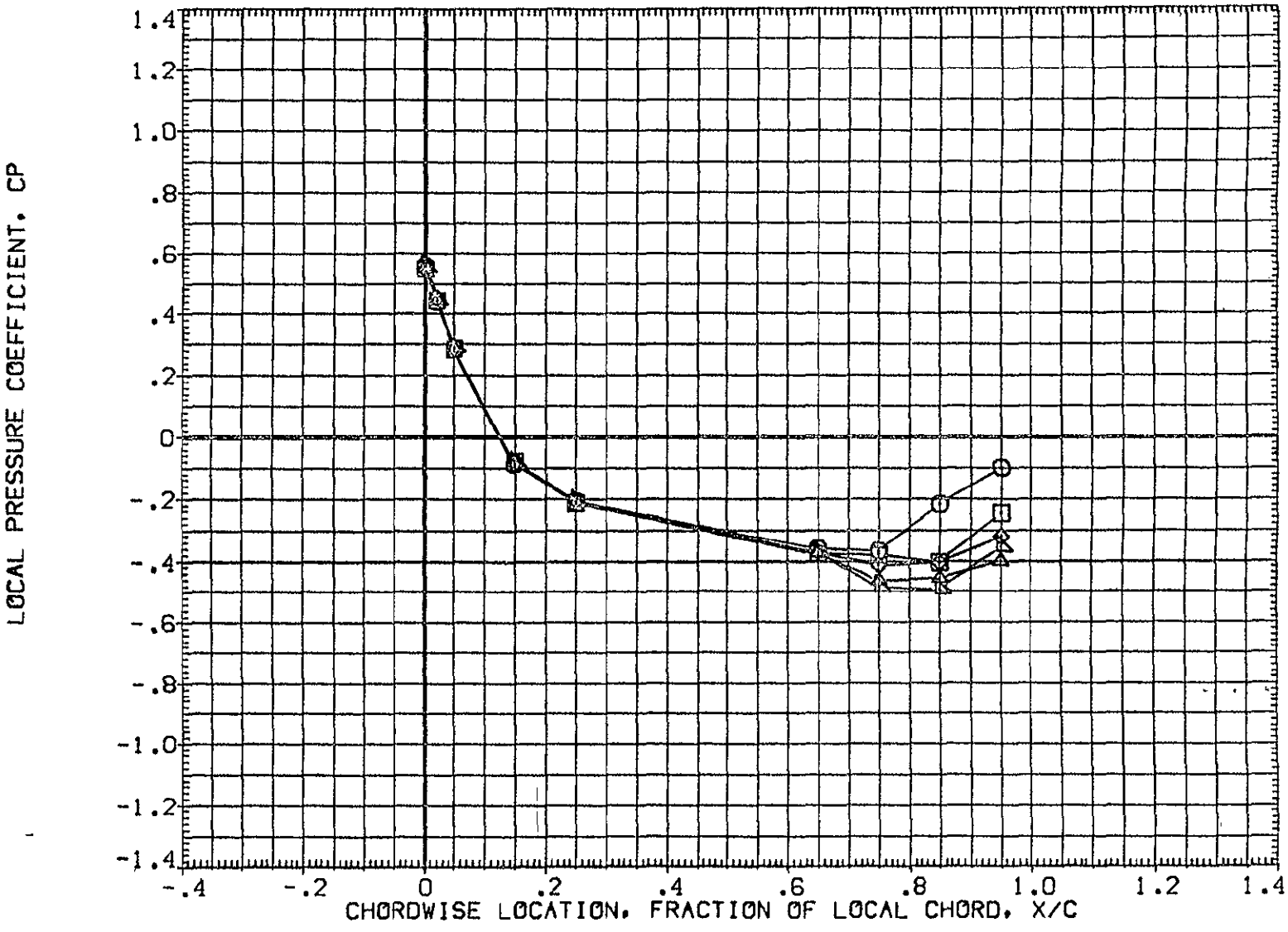

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	▽	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

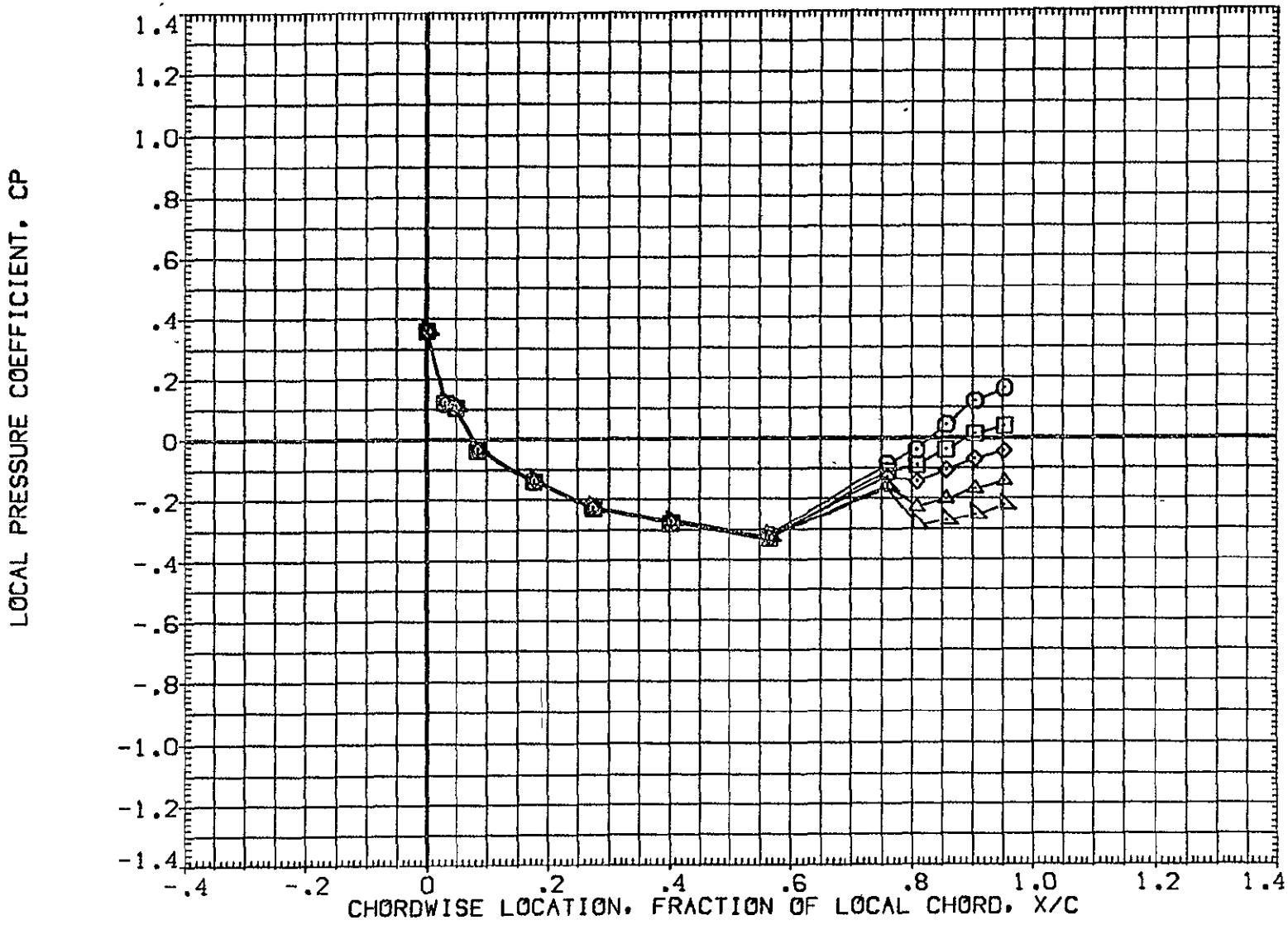

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	◺	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

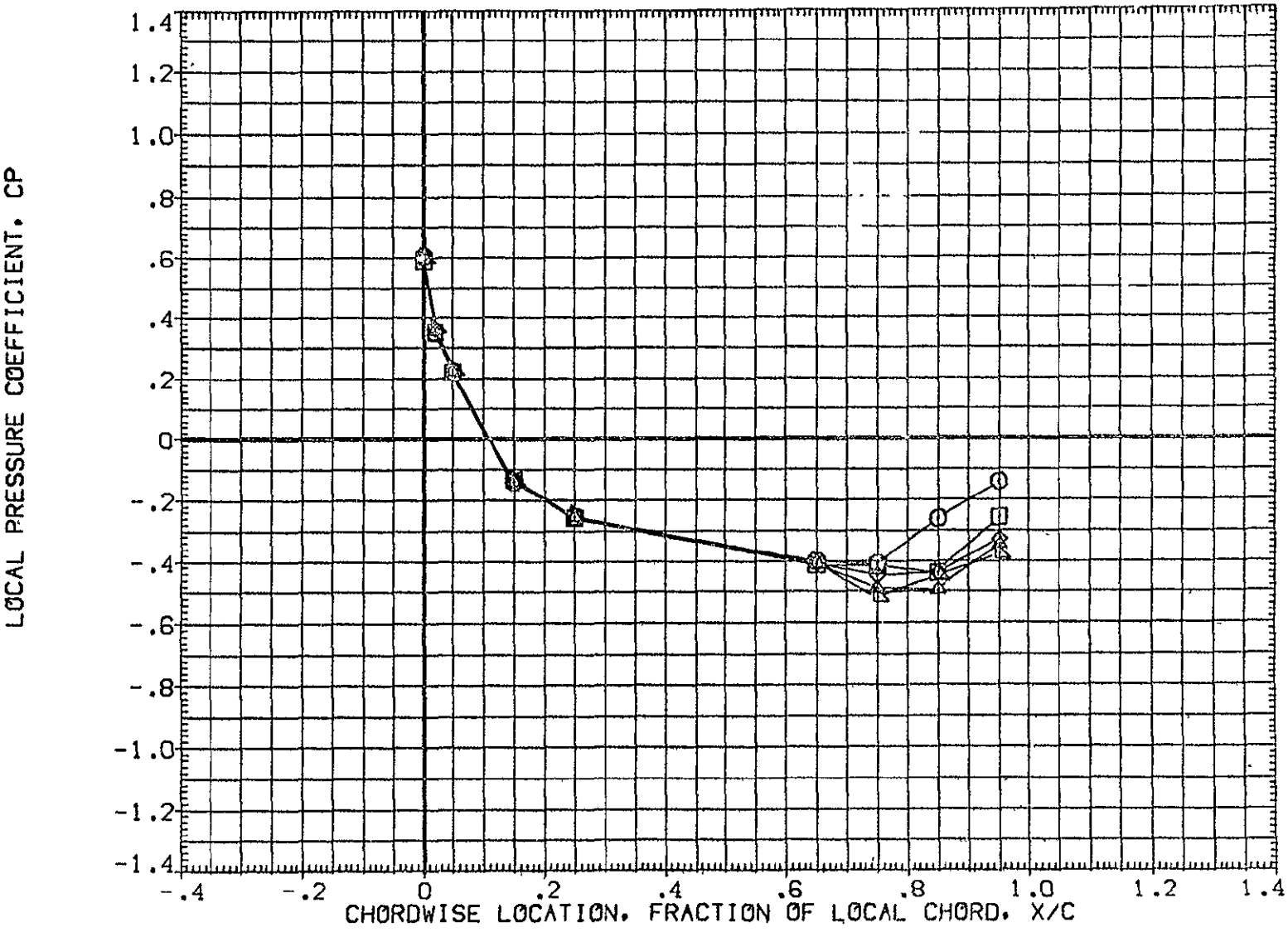

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

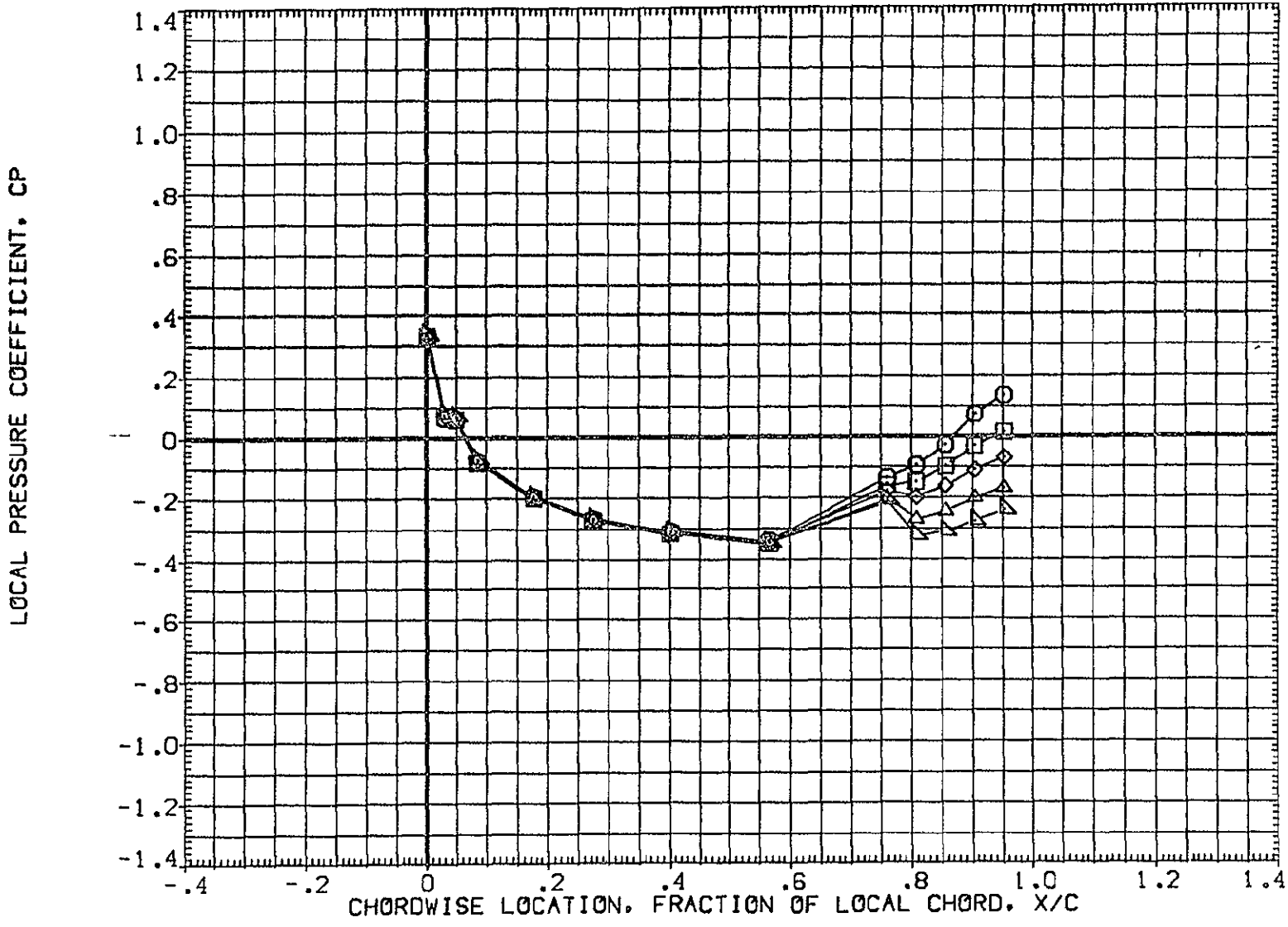

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▷	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

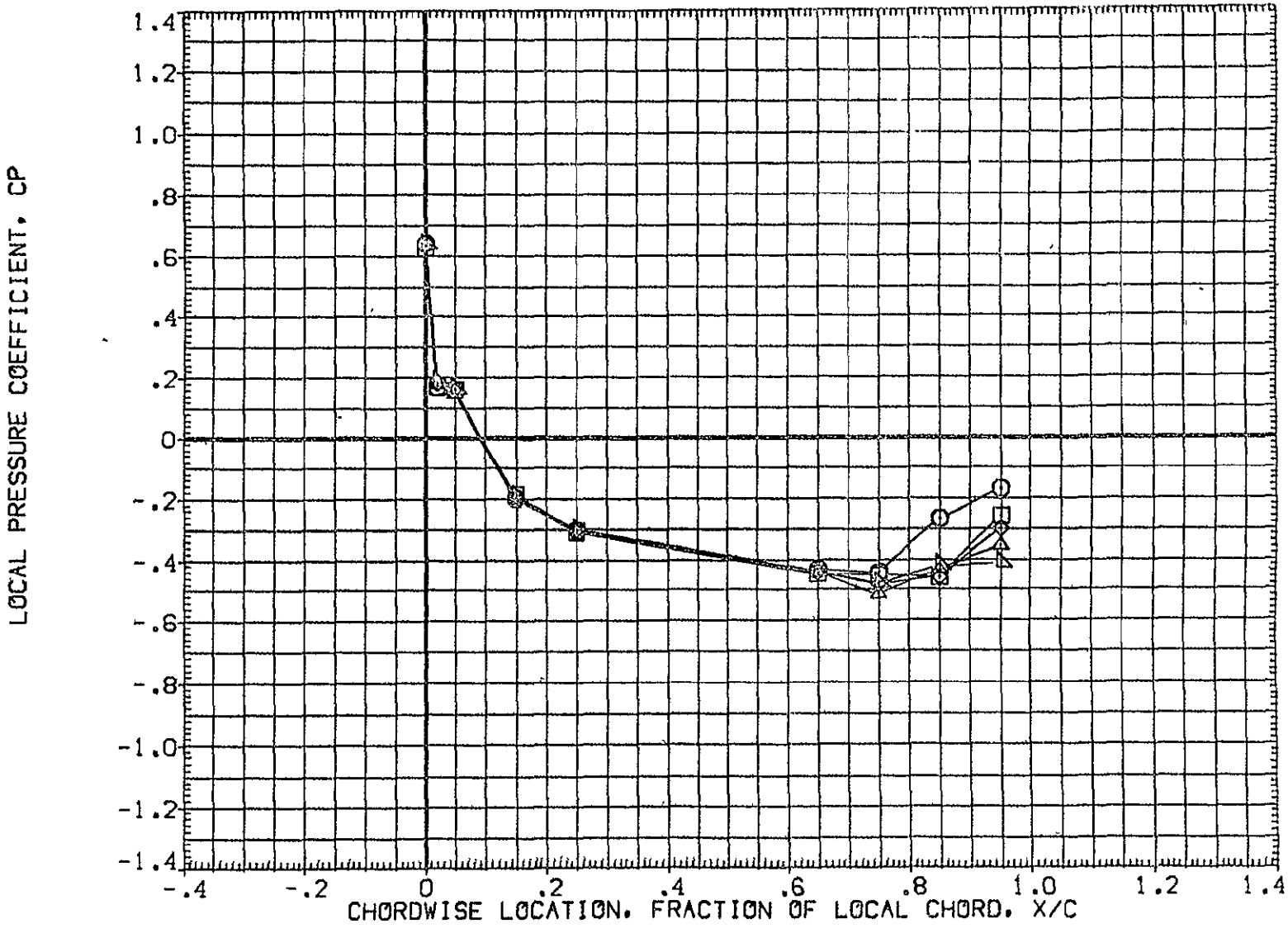

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	⊠	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

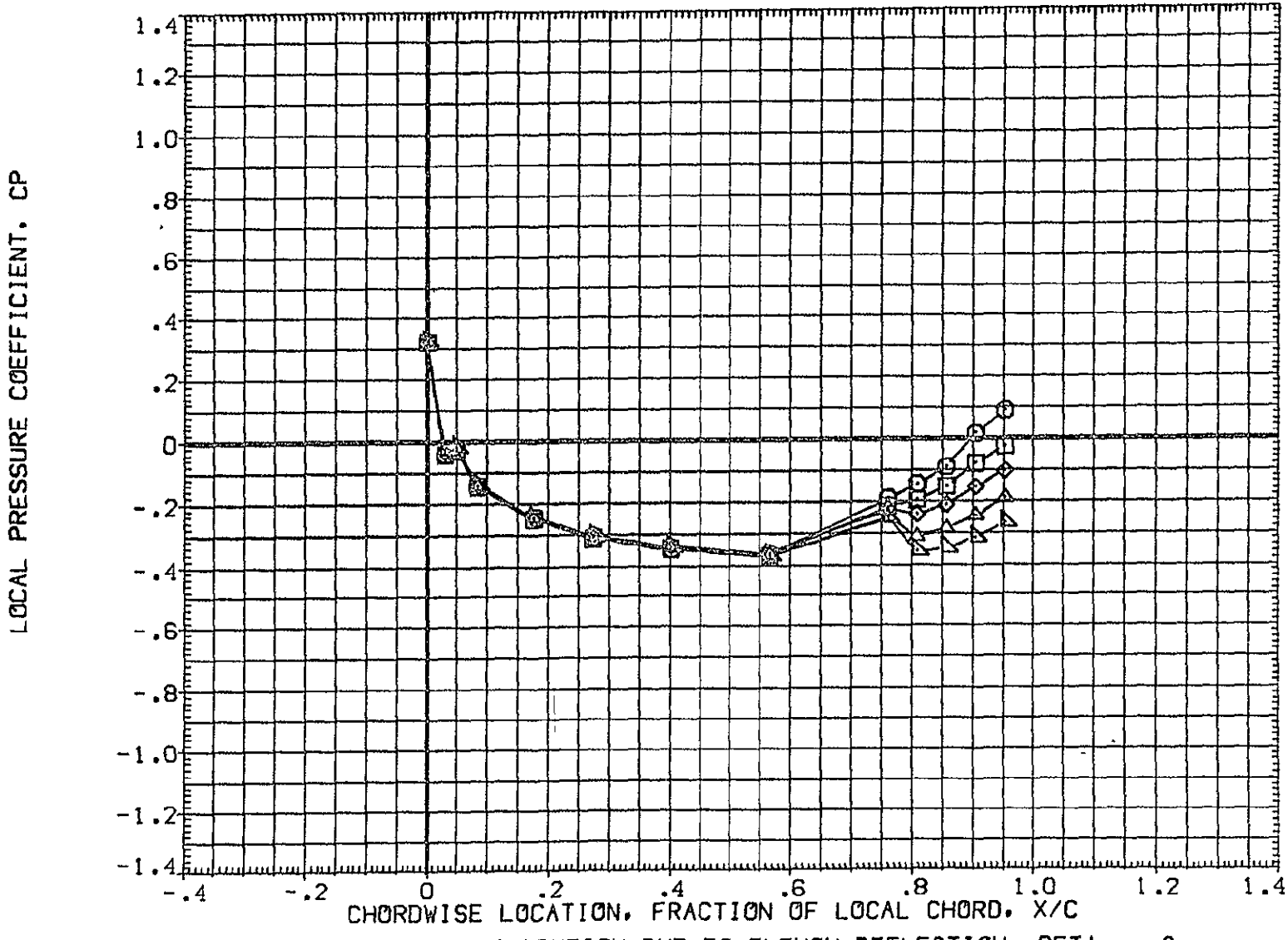

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	◁	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

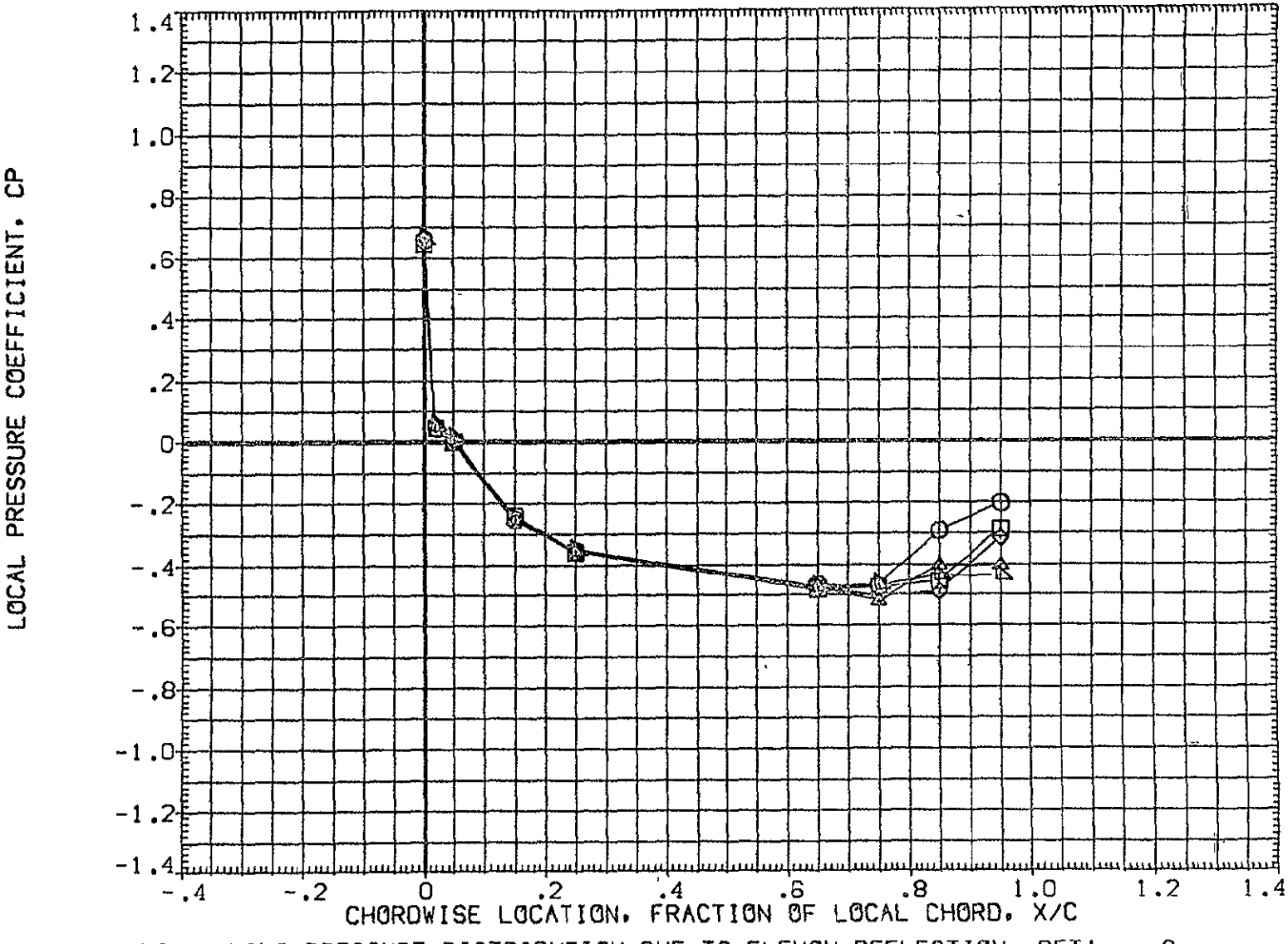

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE		-4.000	.000	-4.000	-4.000
(AF7U45)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U50)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U55)	☆	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U60)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

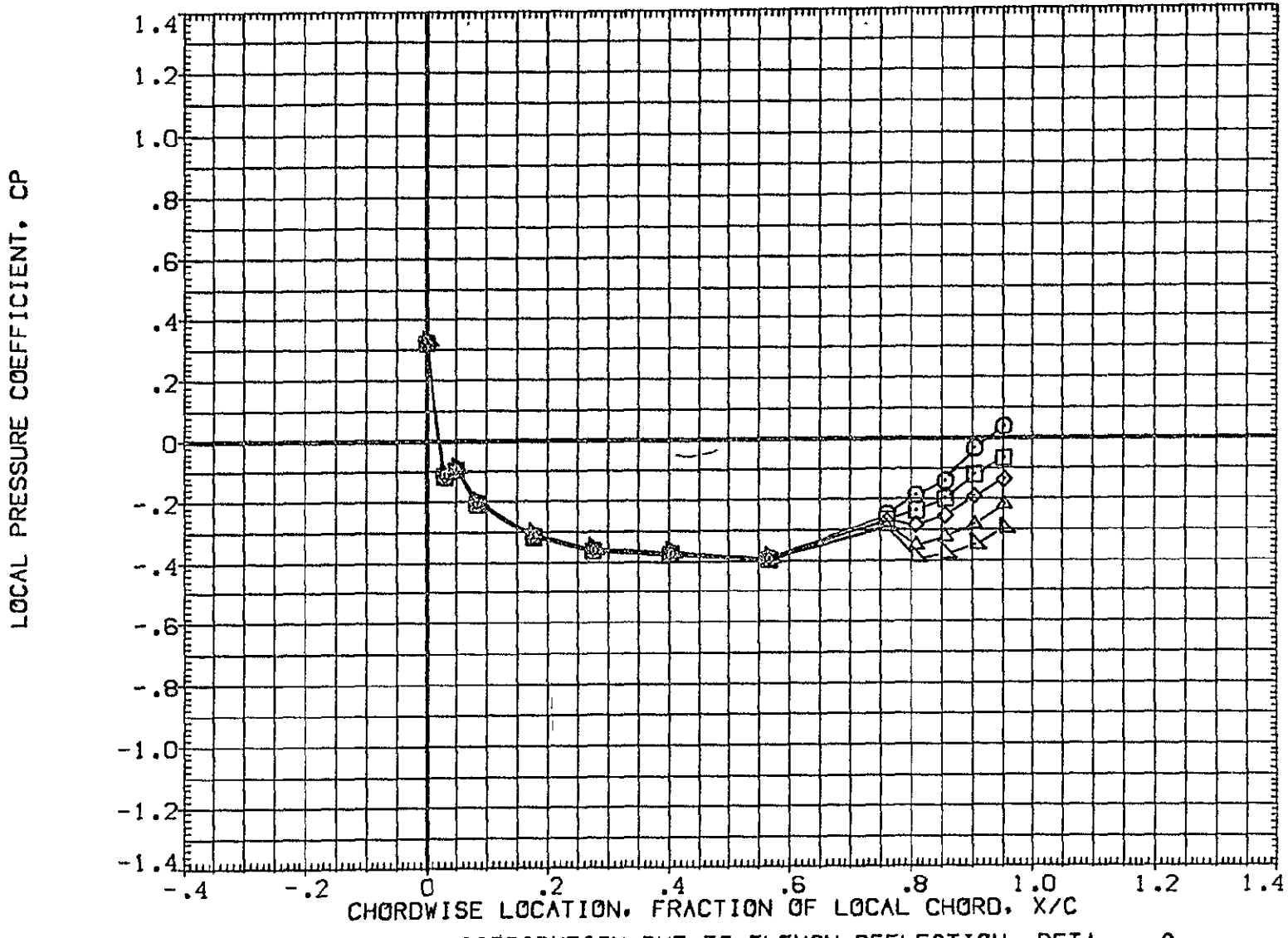

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

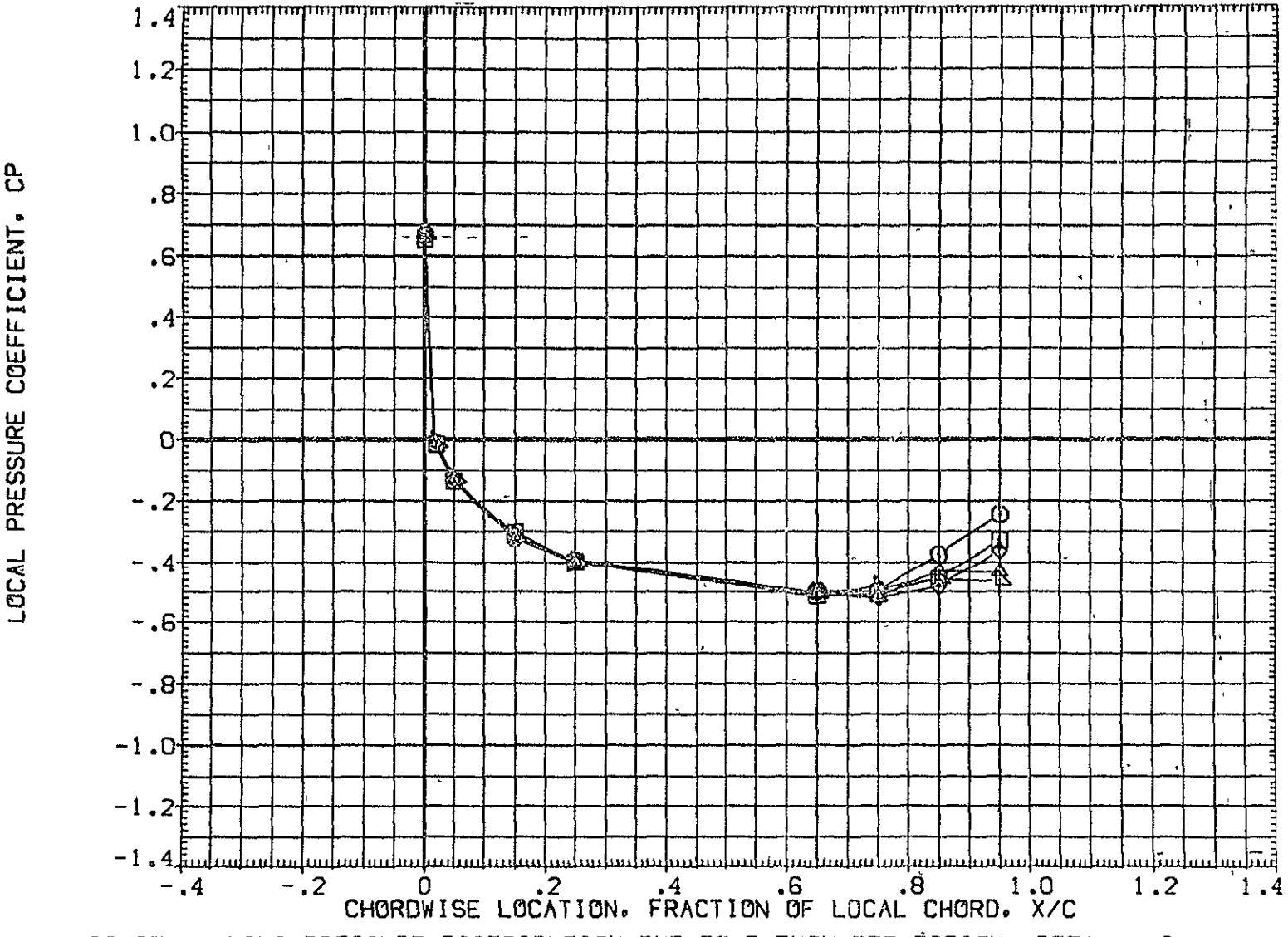

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

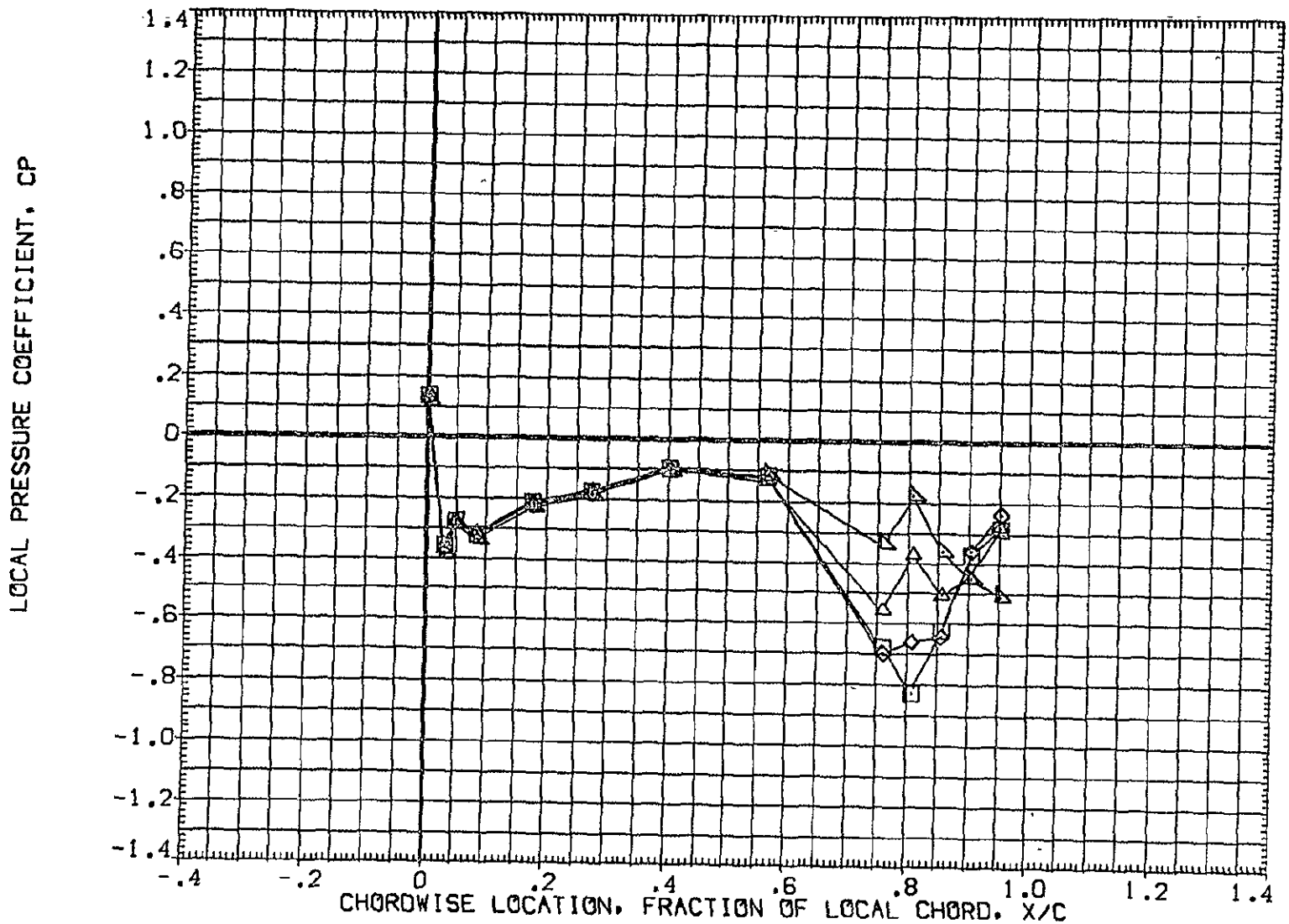

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

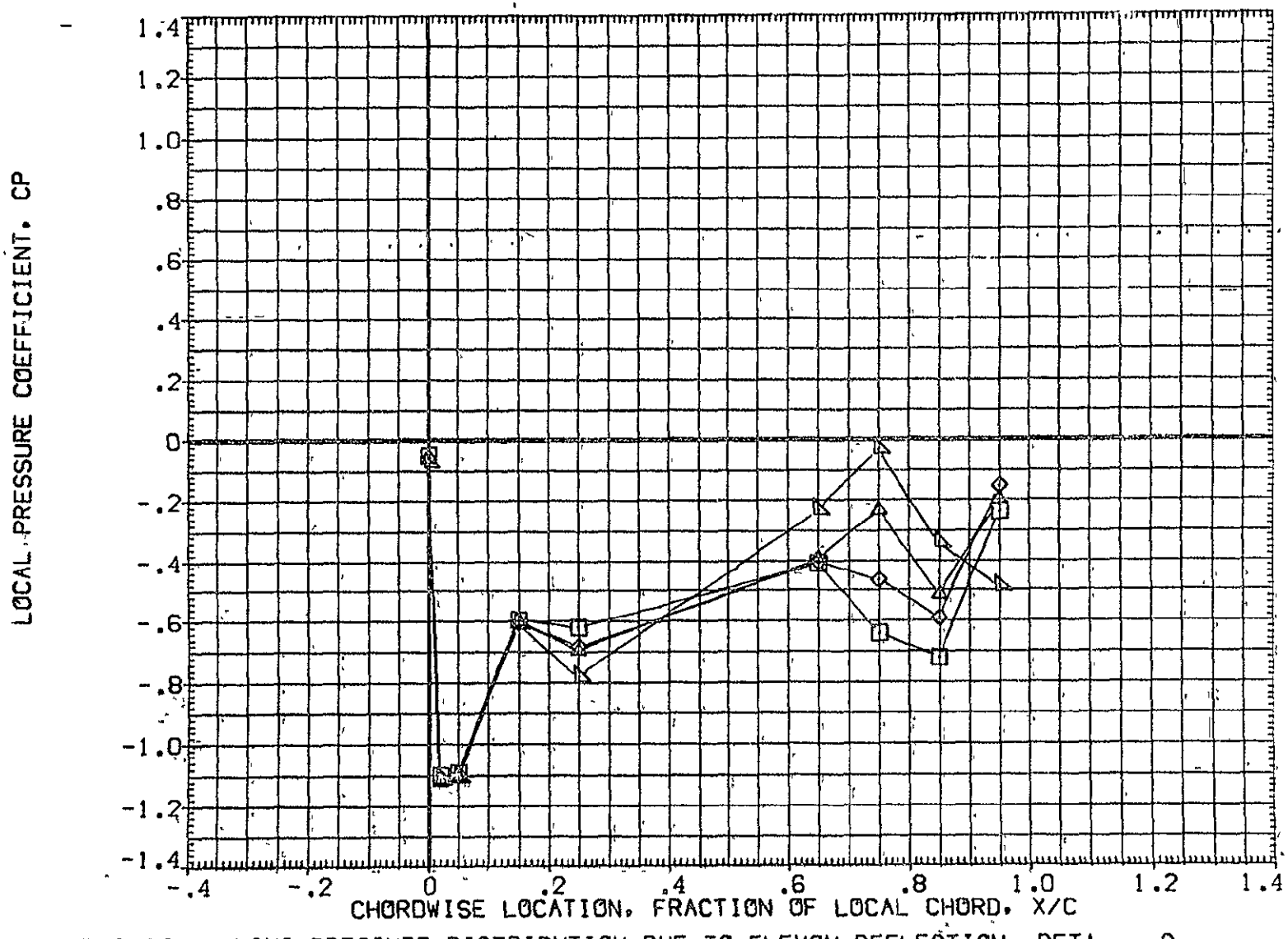

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

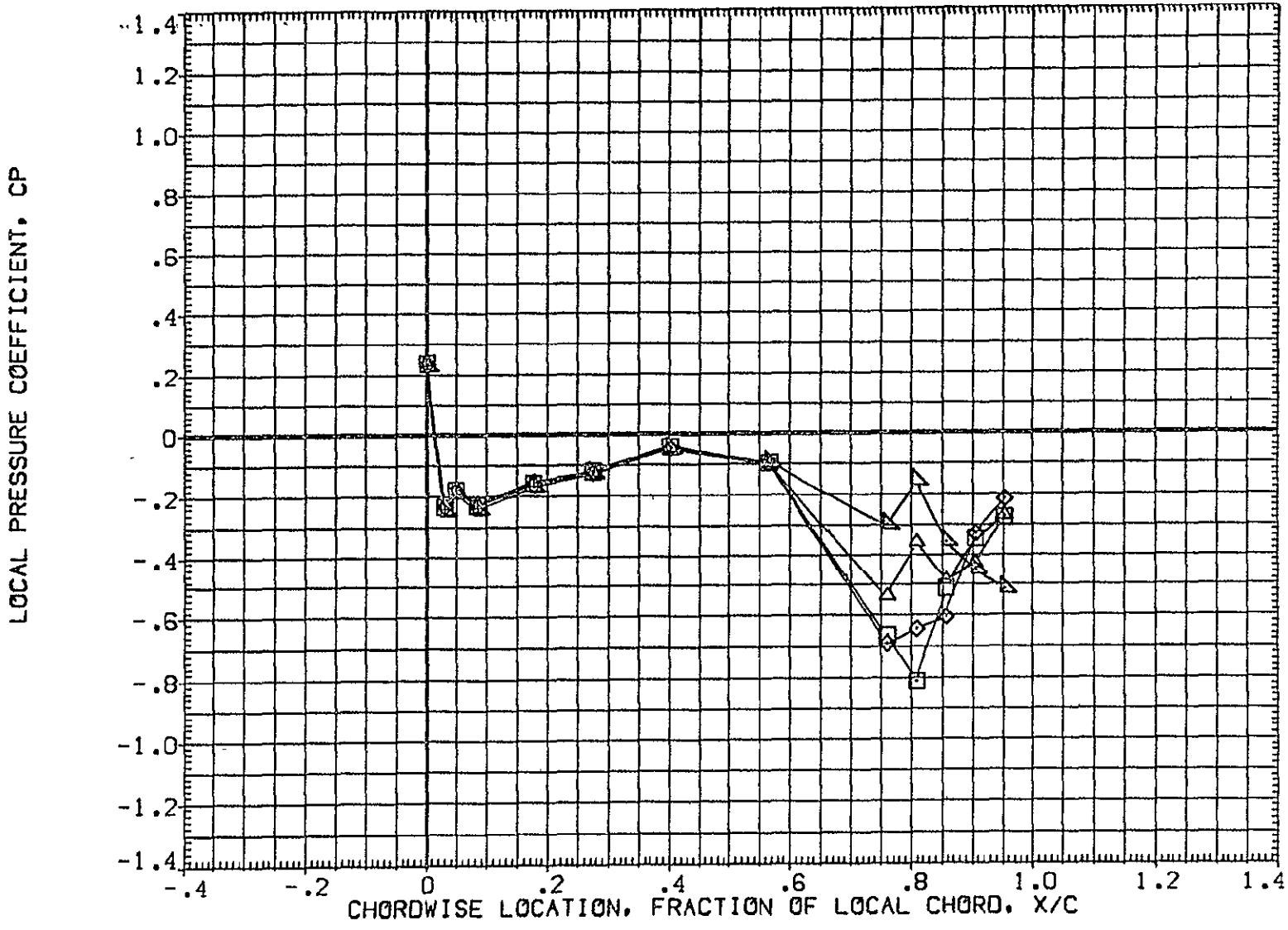

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

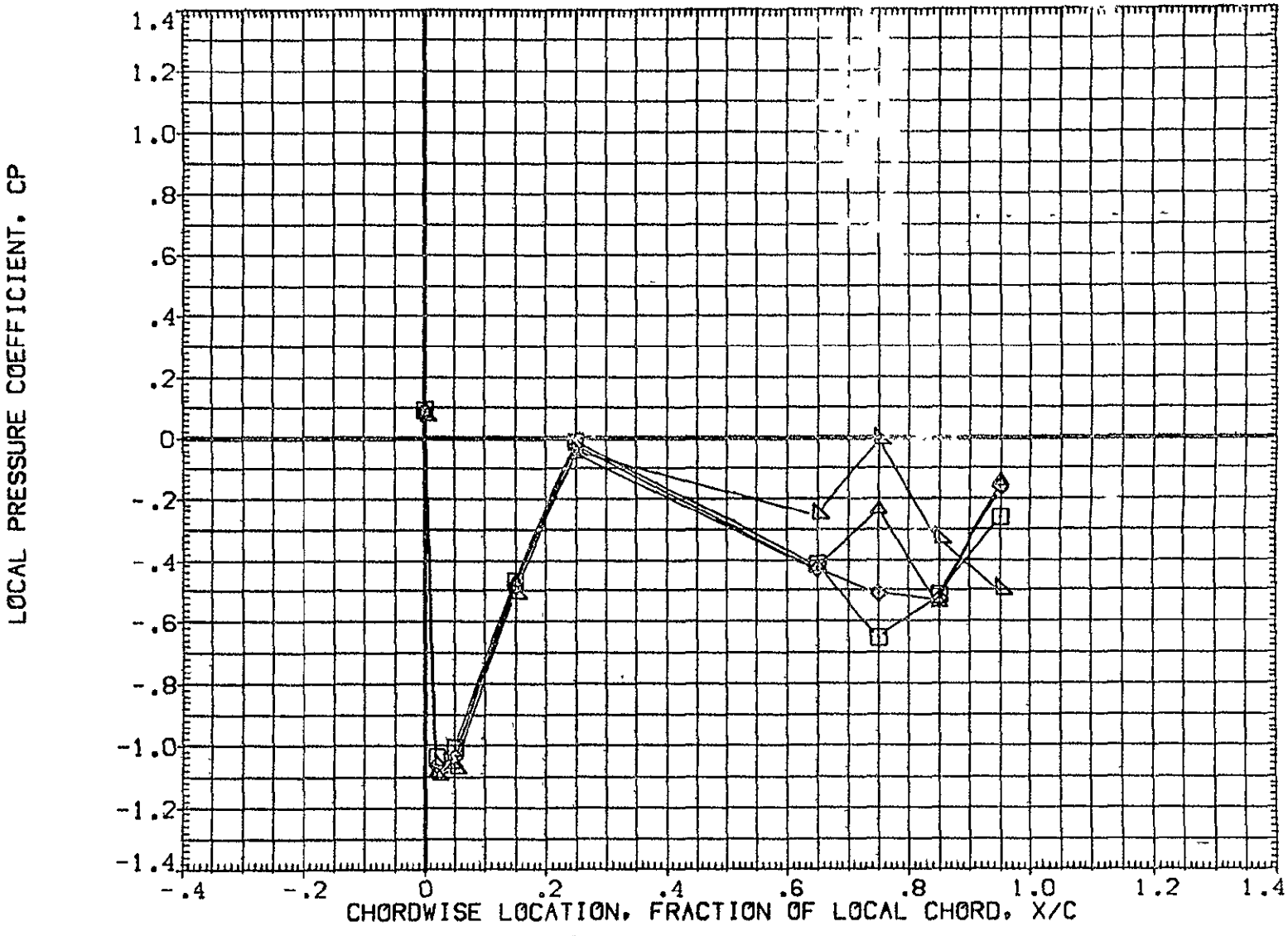

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

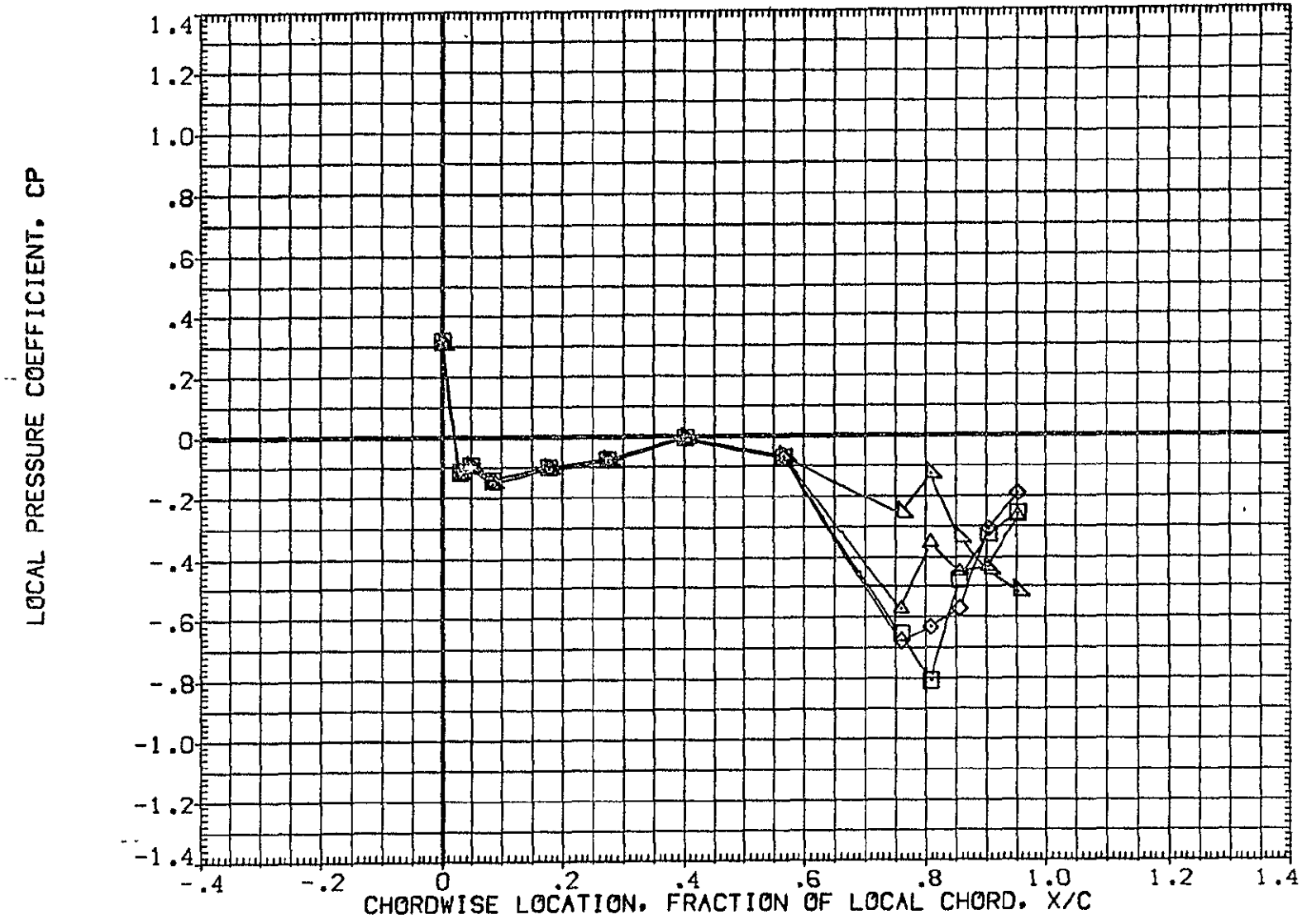

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

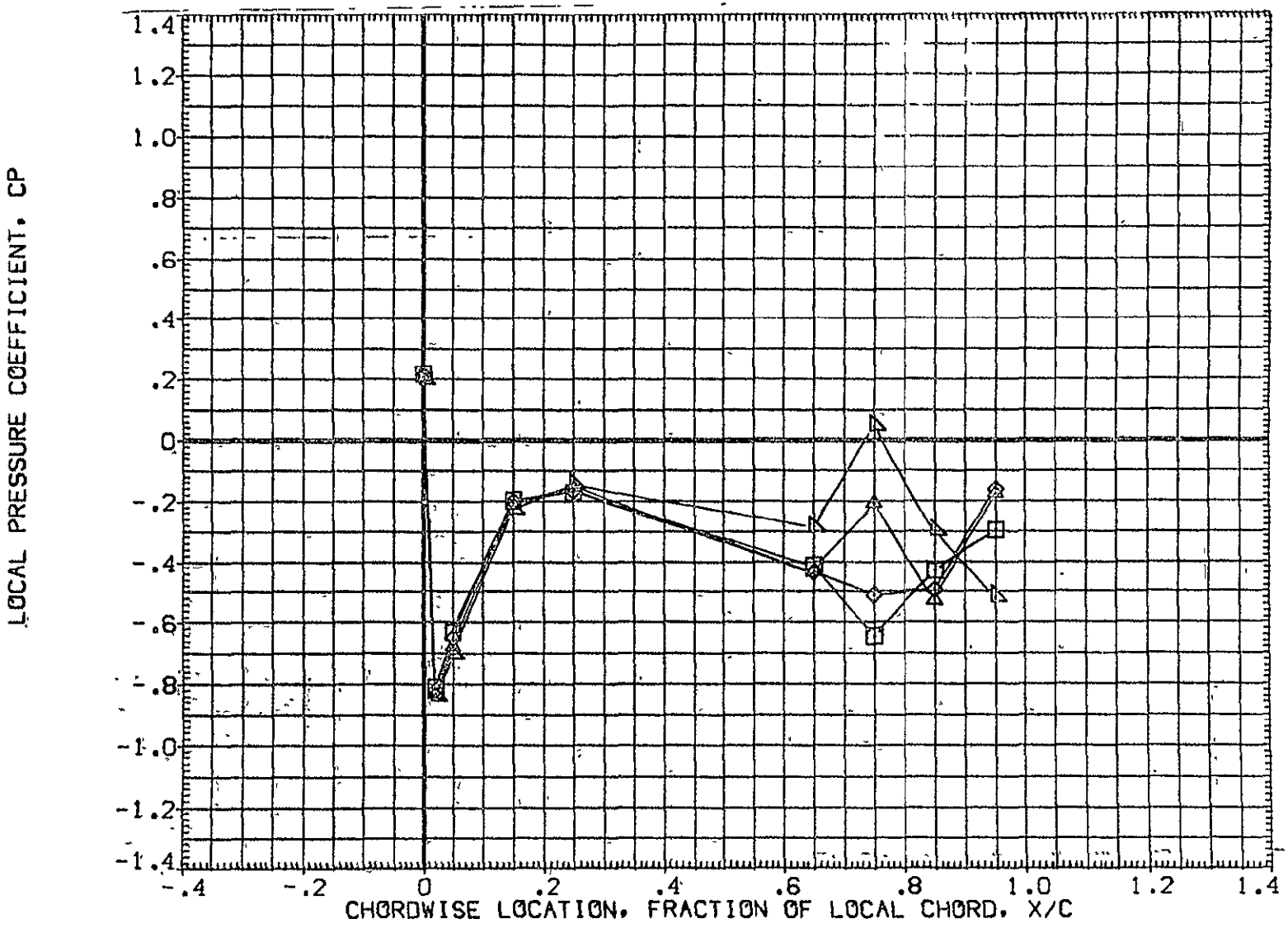

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

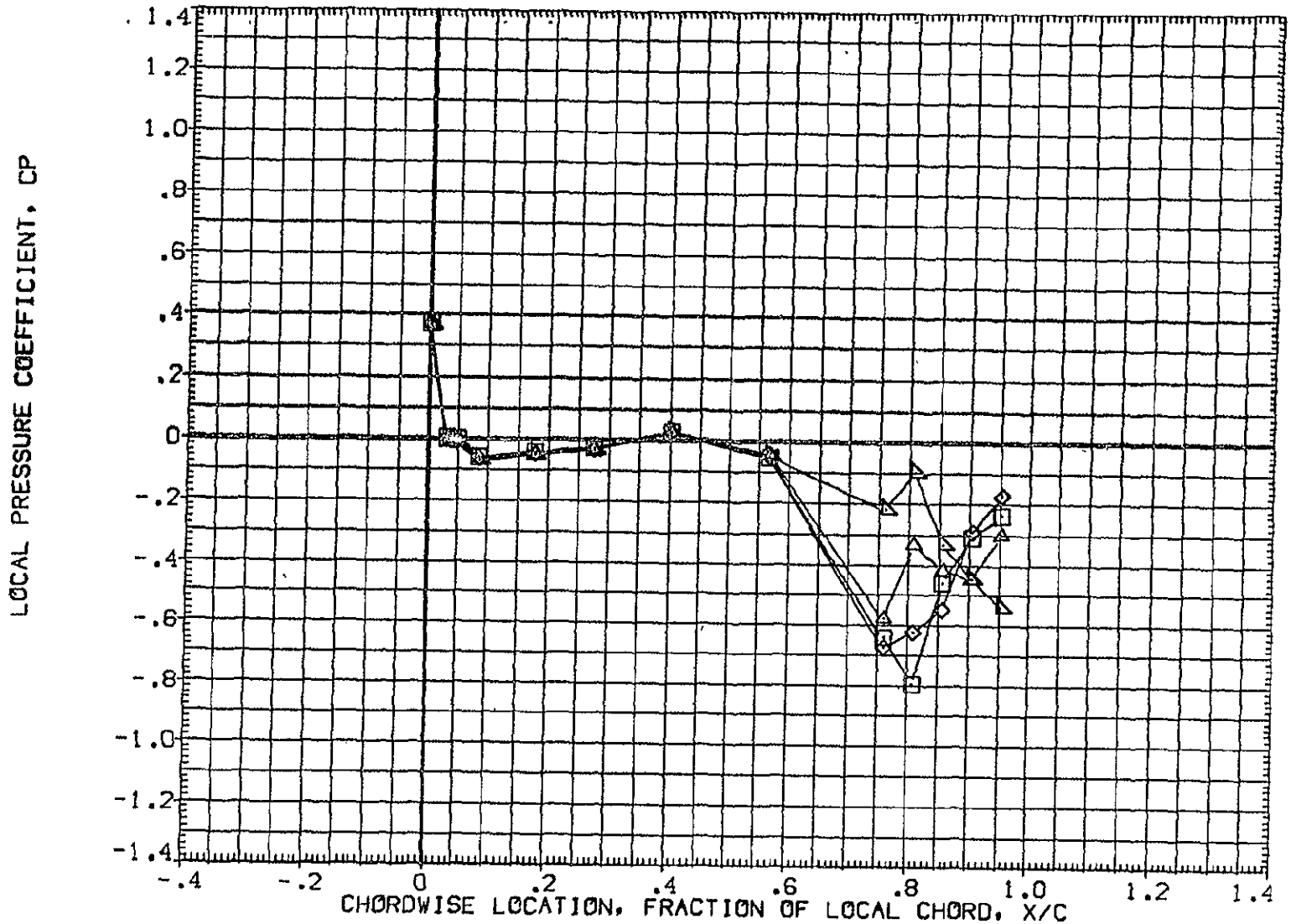

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

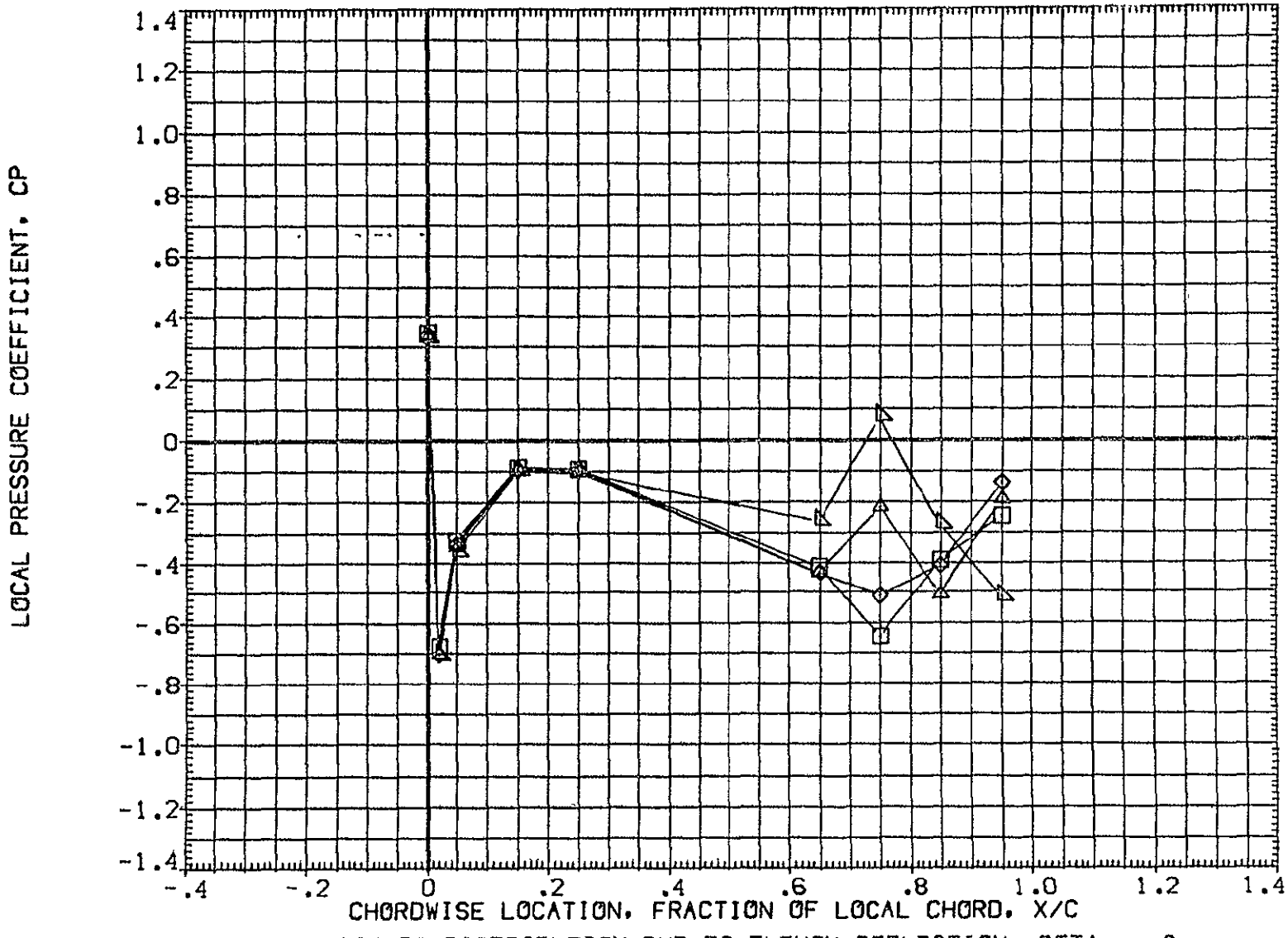

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

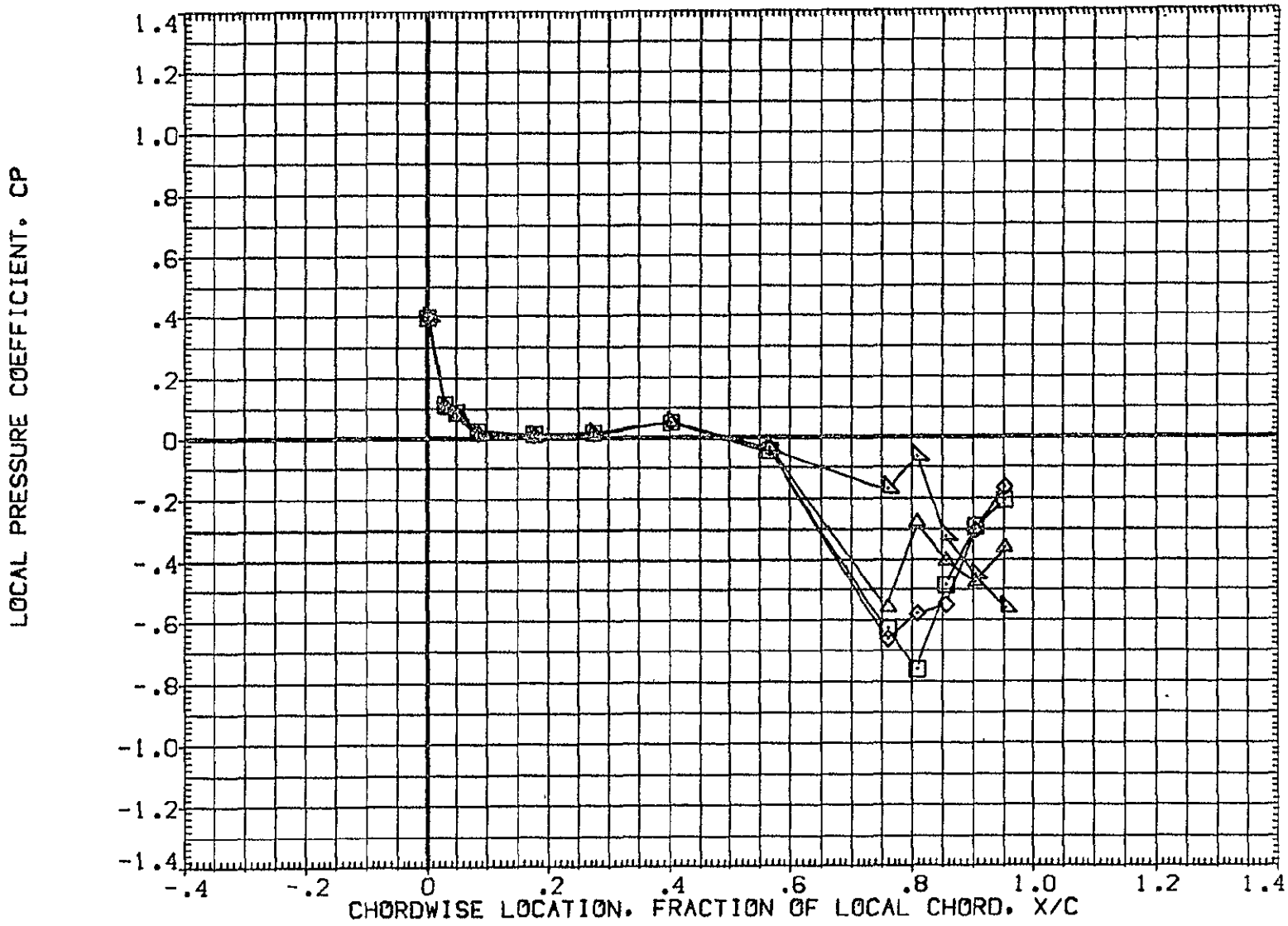

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION.		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

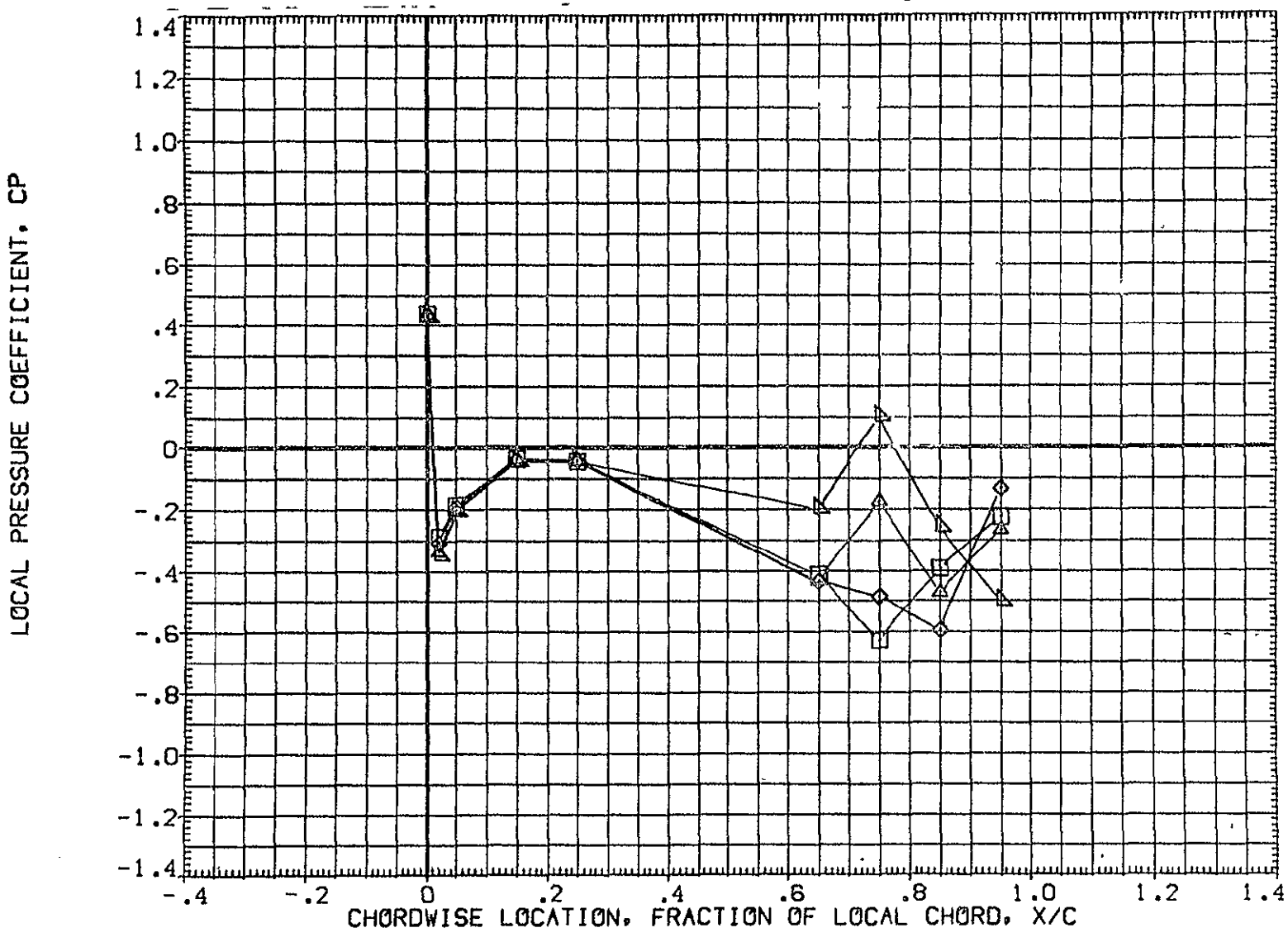

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

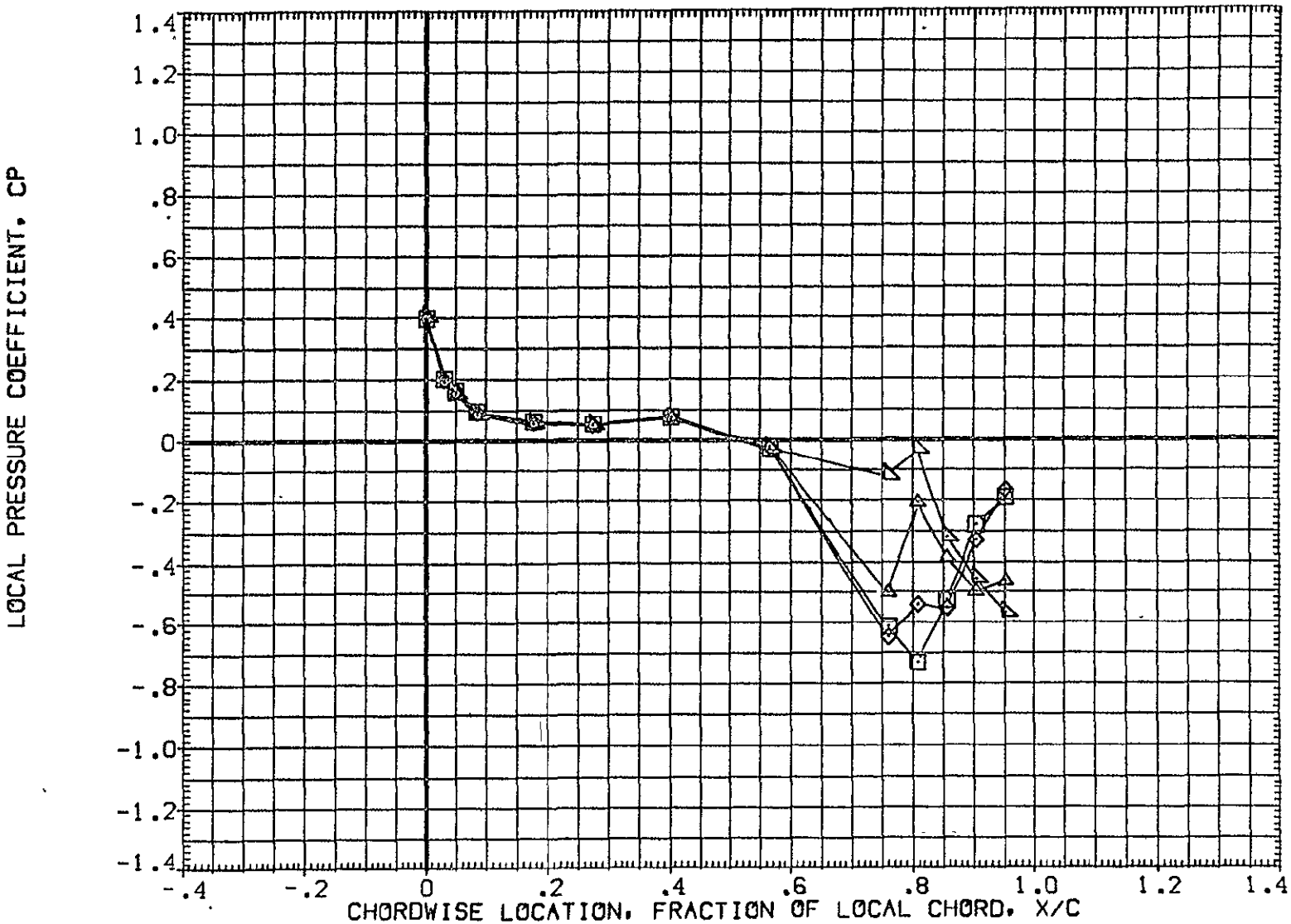

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

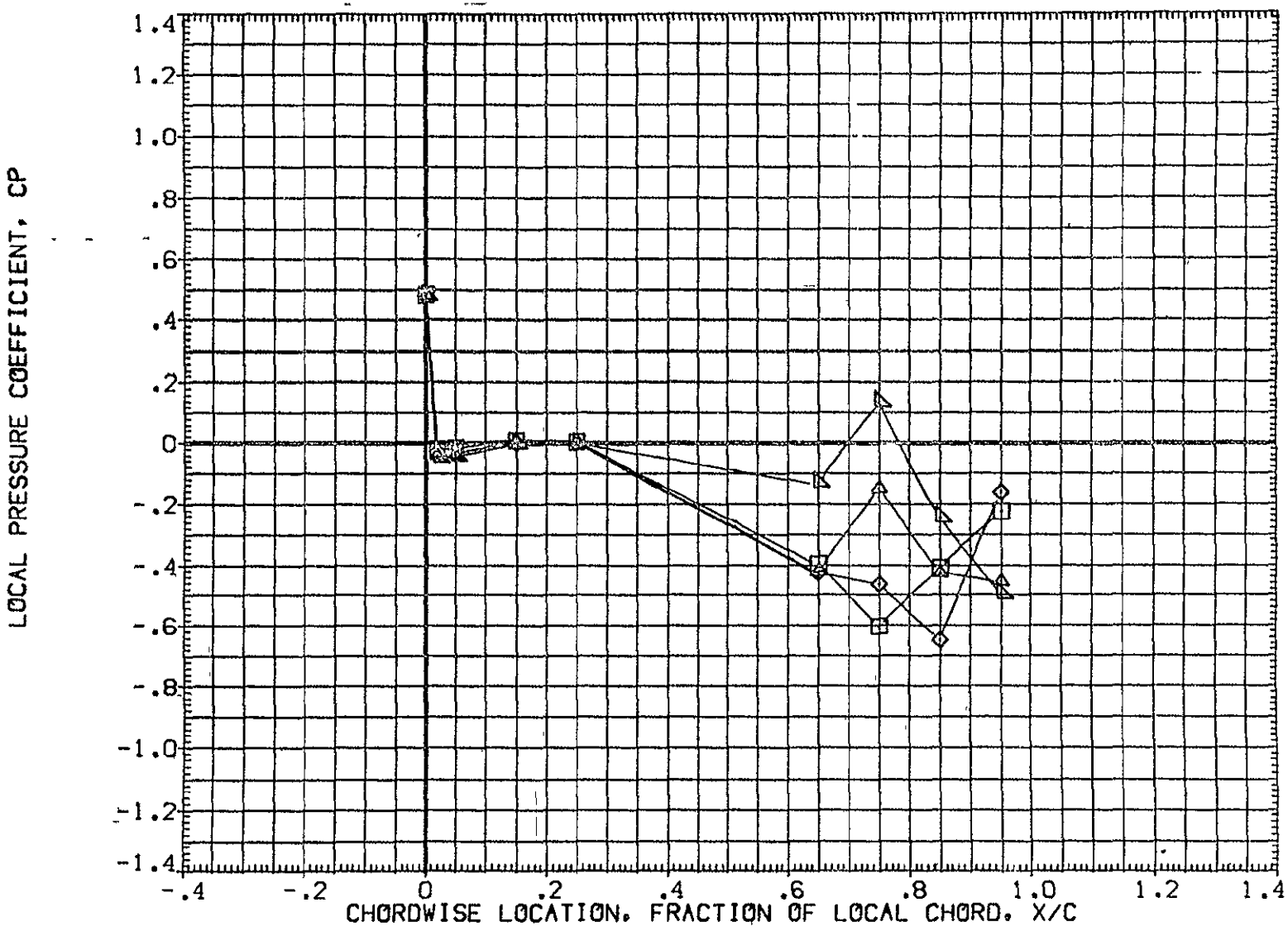

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

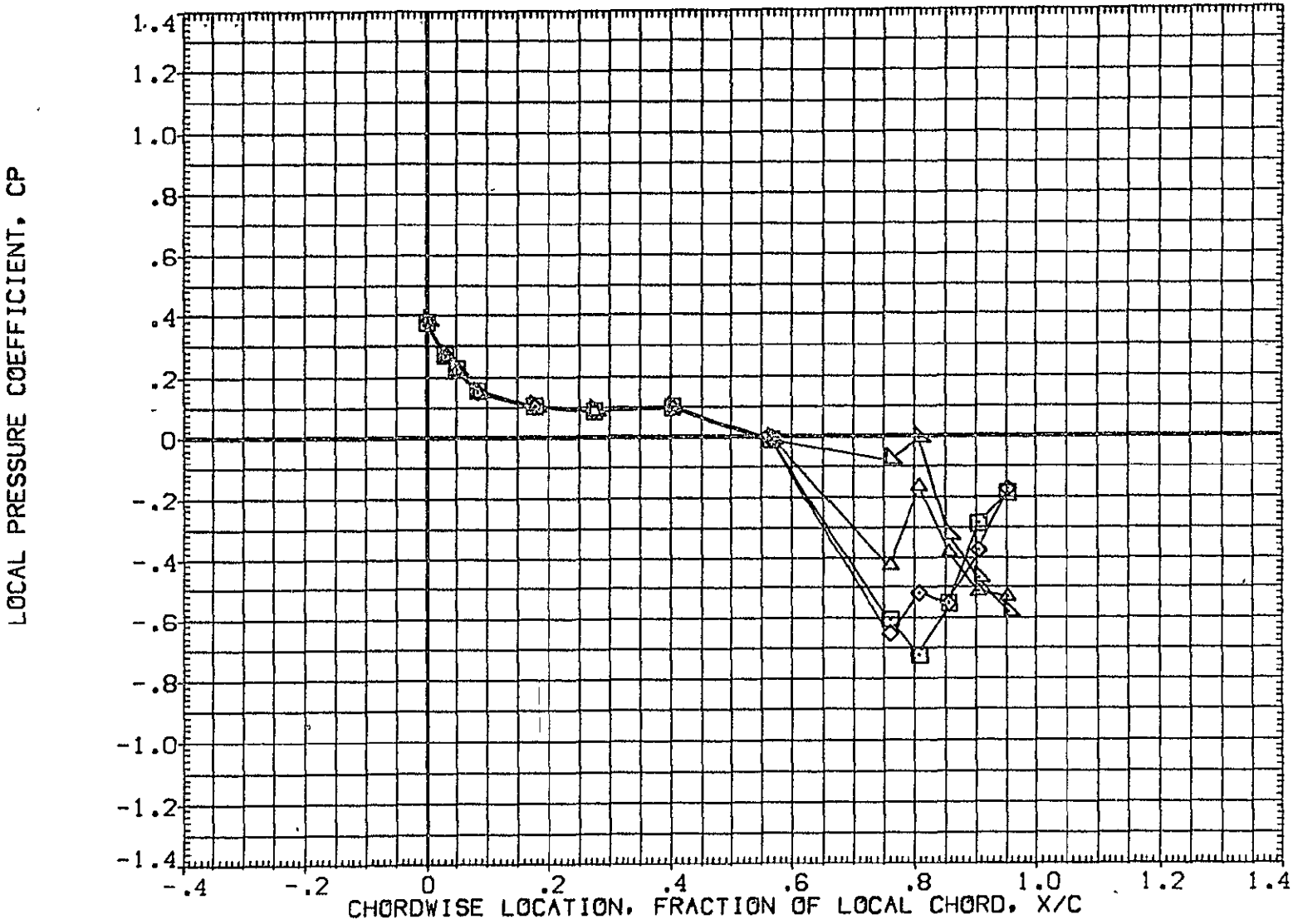

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

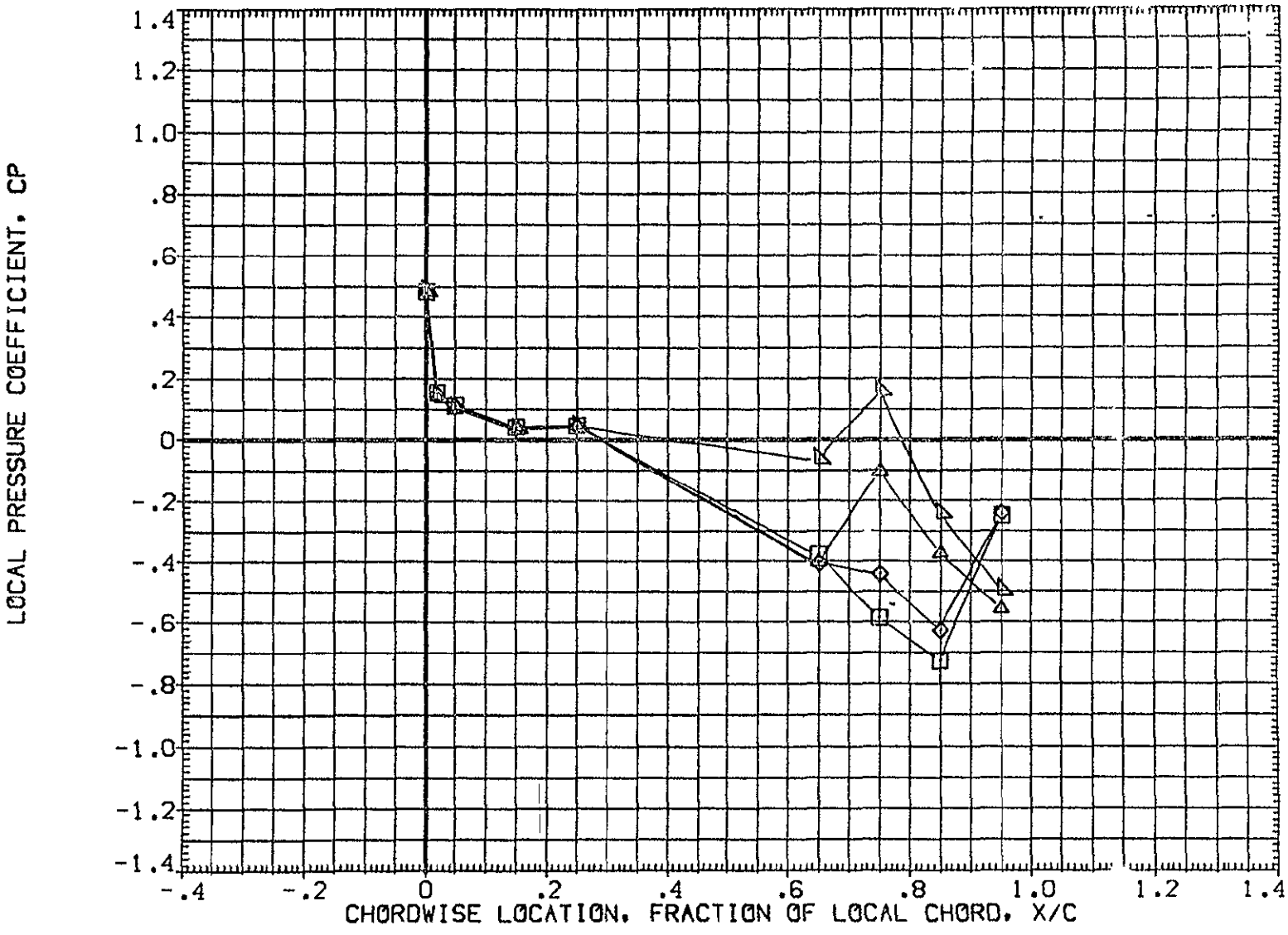

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

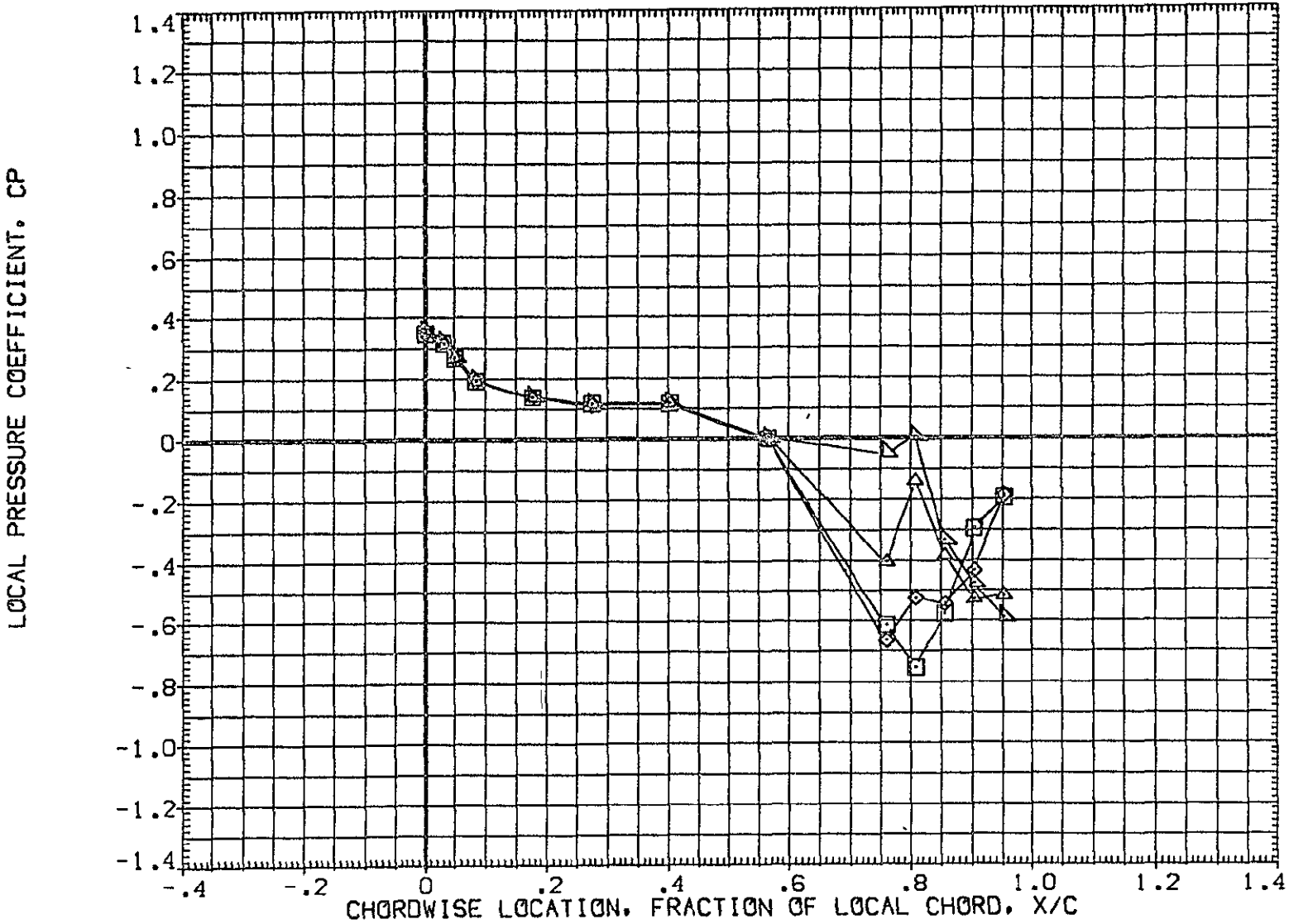

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

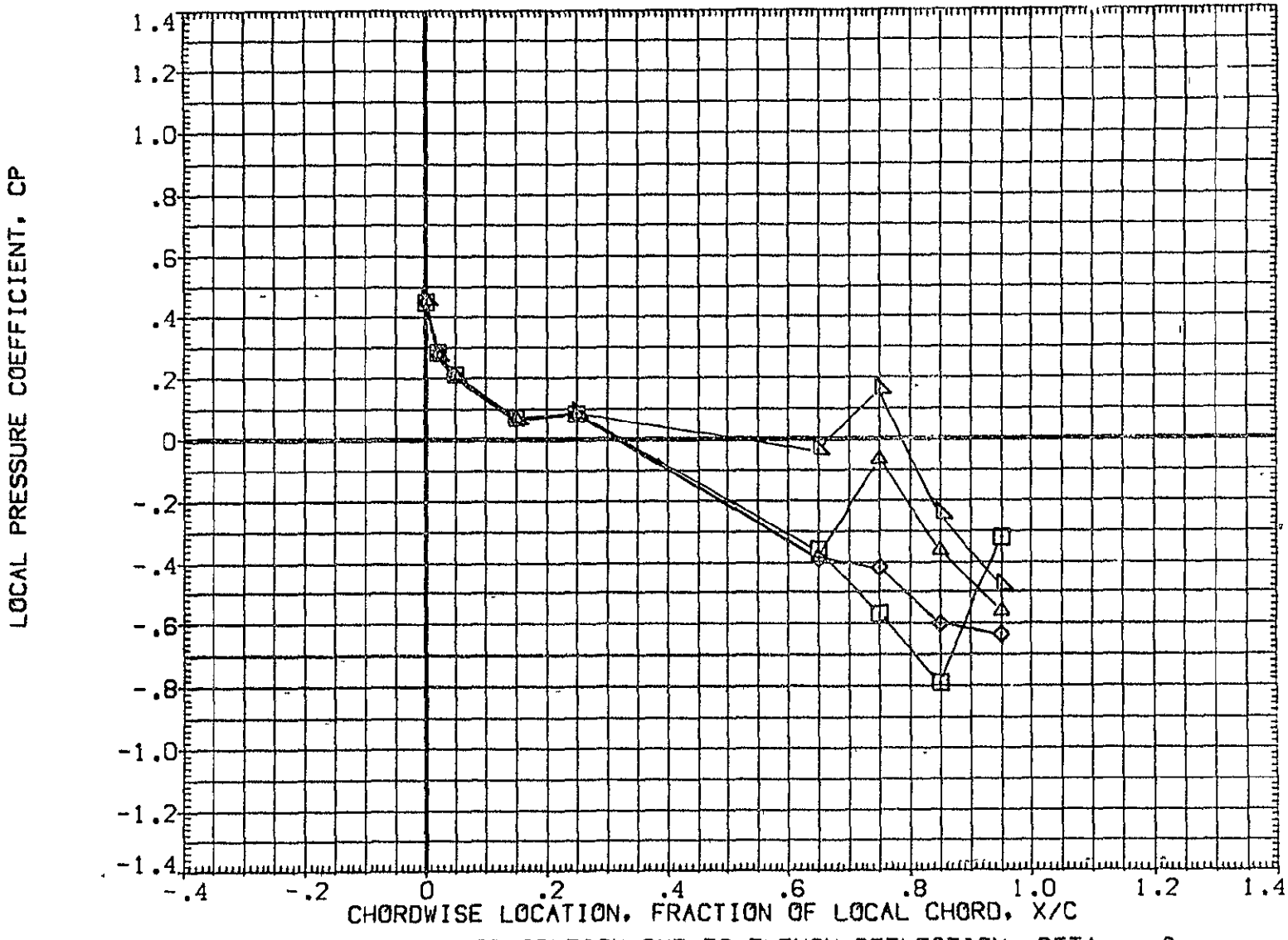

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

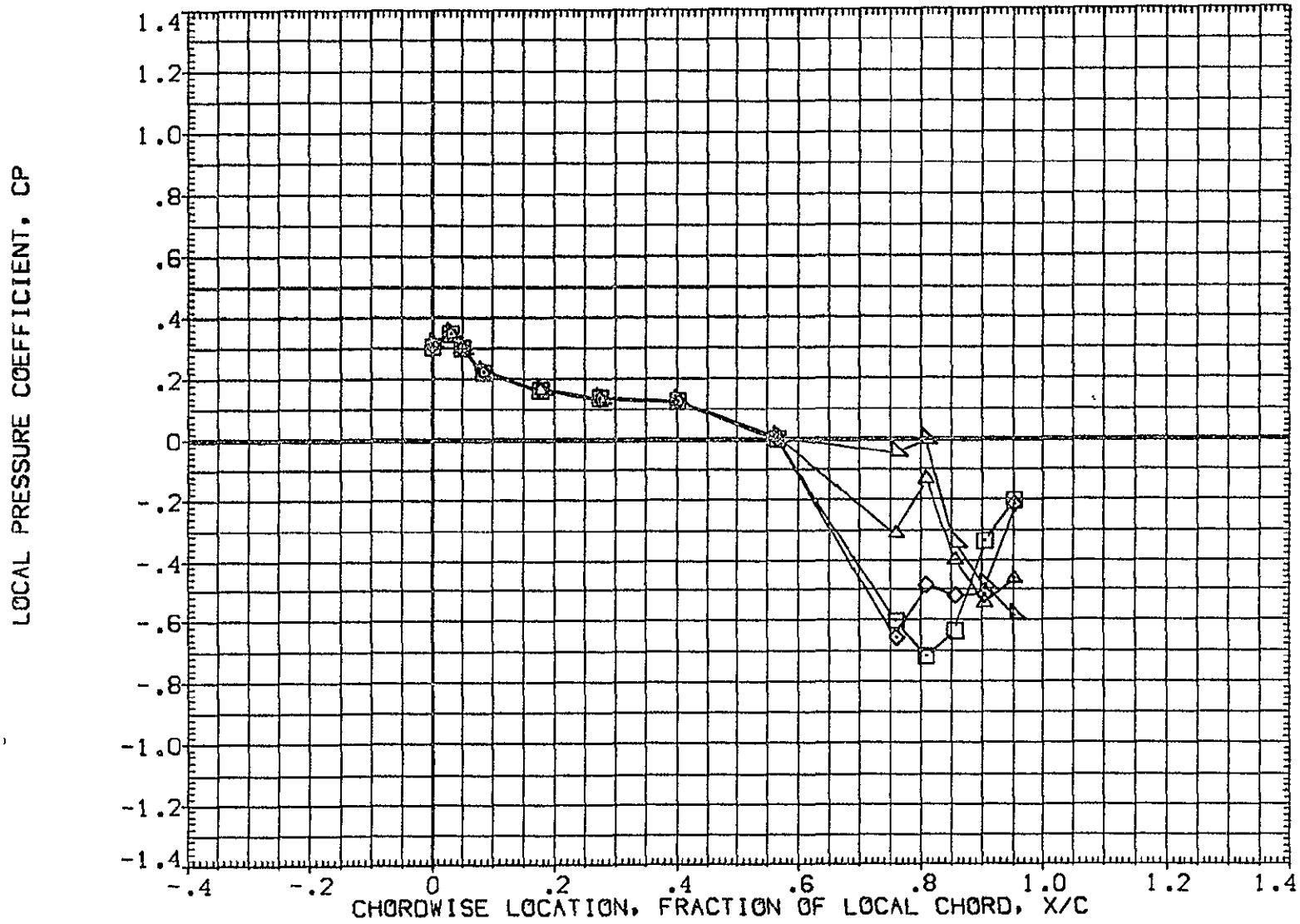

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

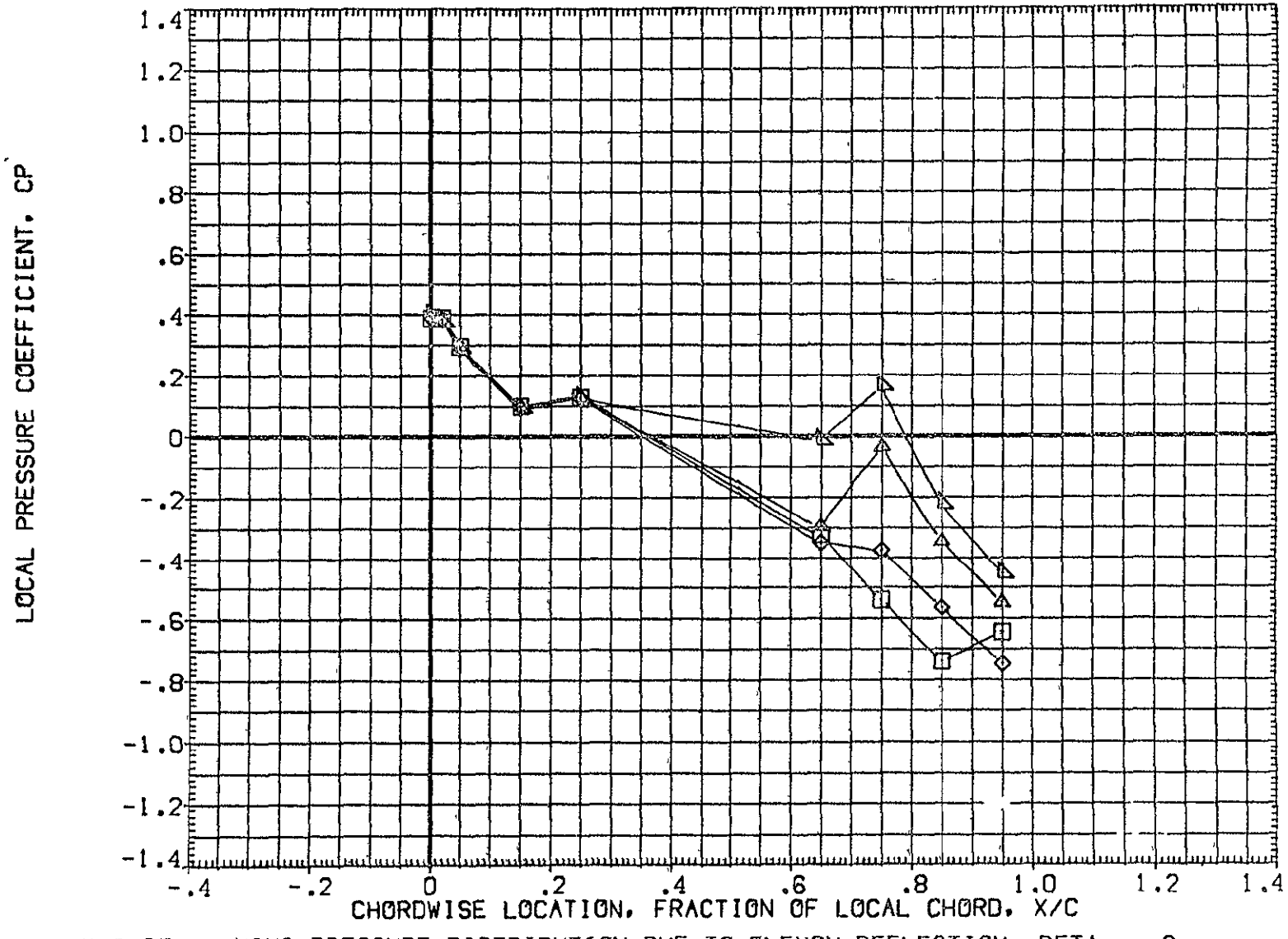

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 TI2 SI P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	⋈	IA70 01 TI2 SI P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	◇	IA70 01 TI2 SI P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	IA70 01 TI2 SI P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

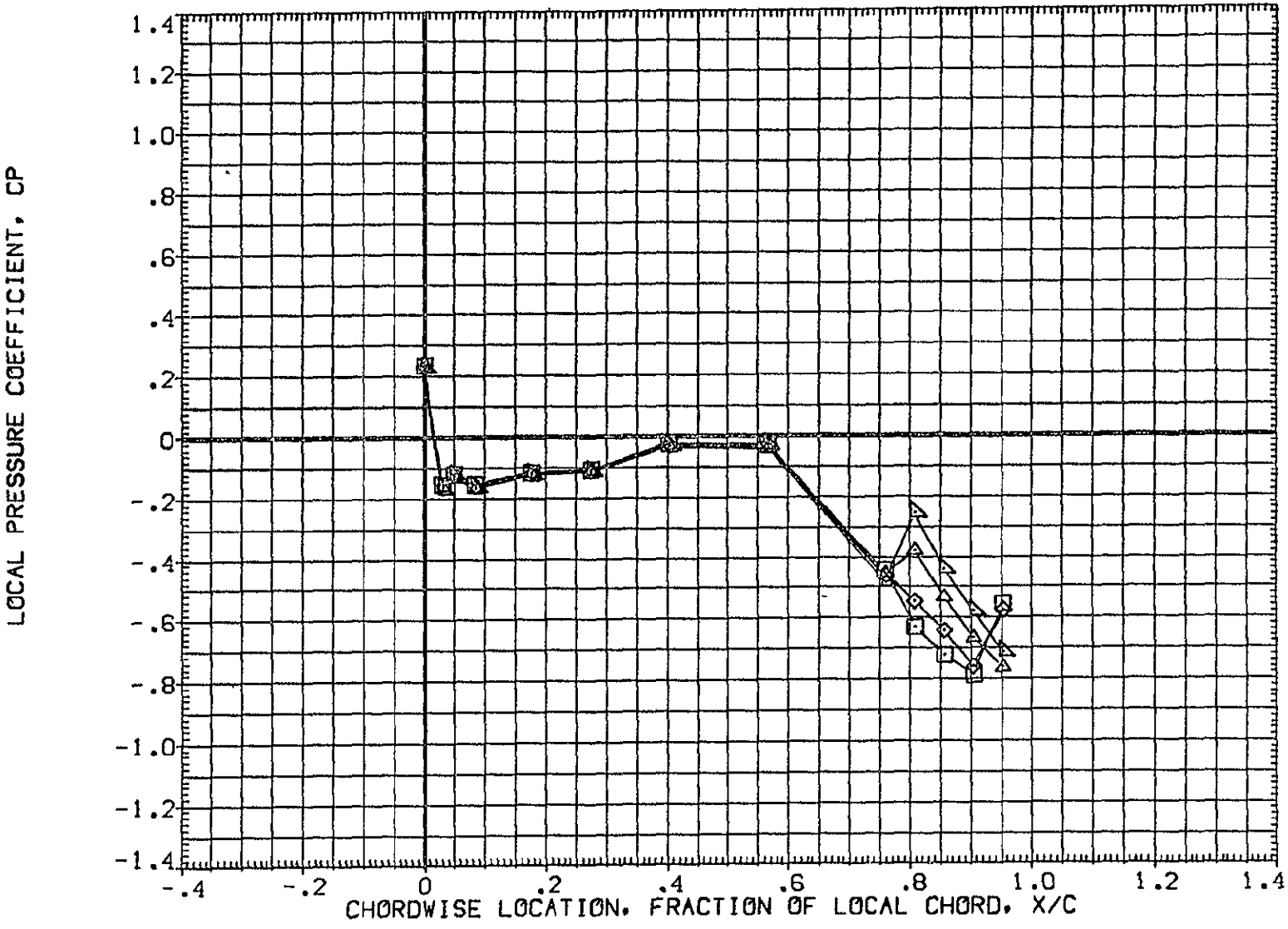

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

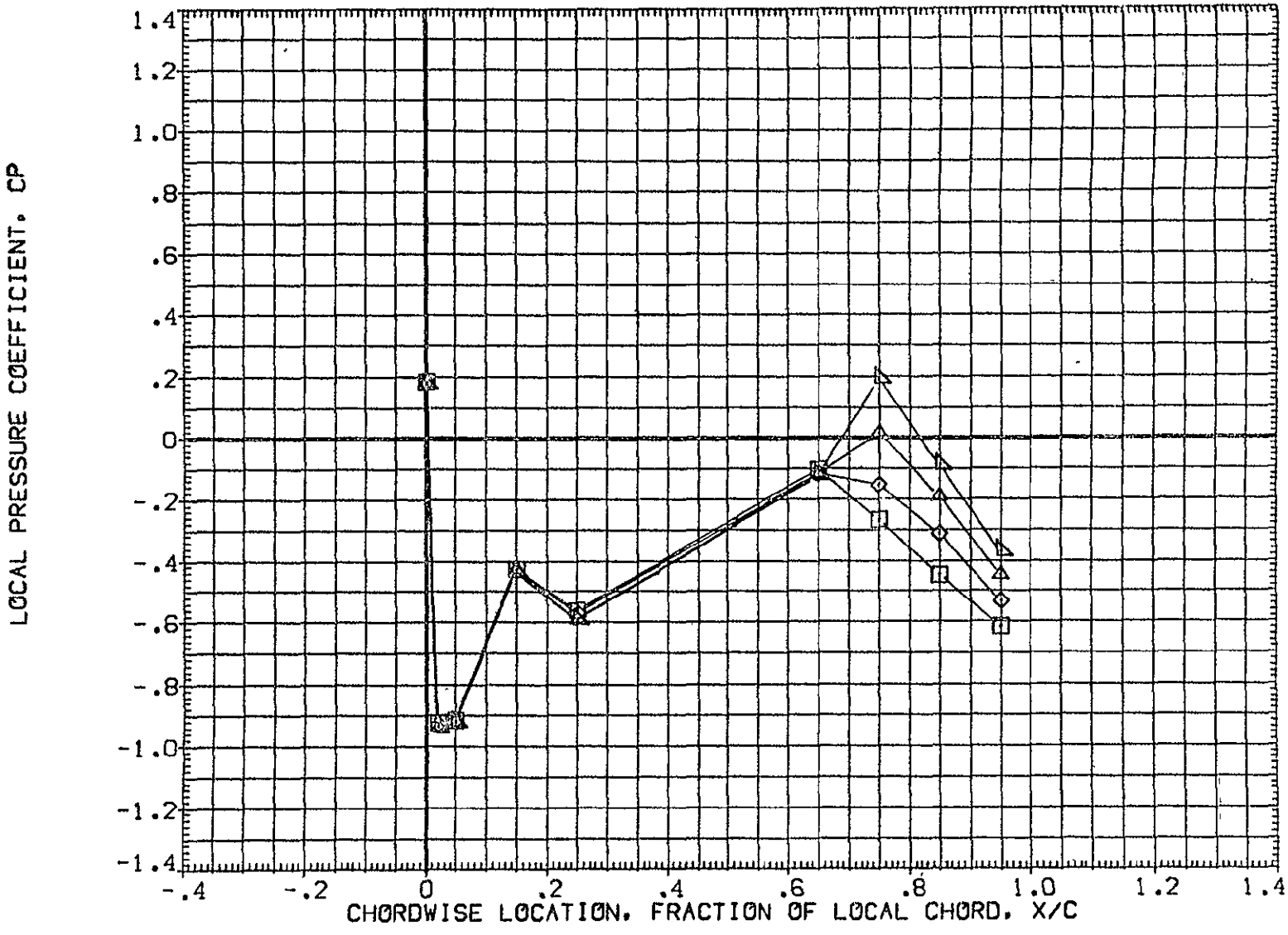

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = . .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

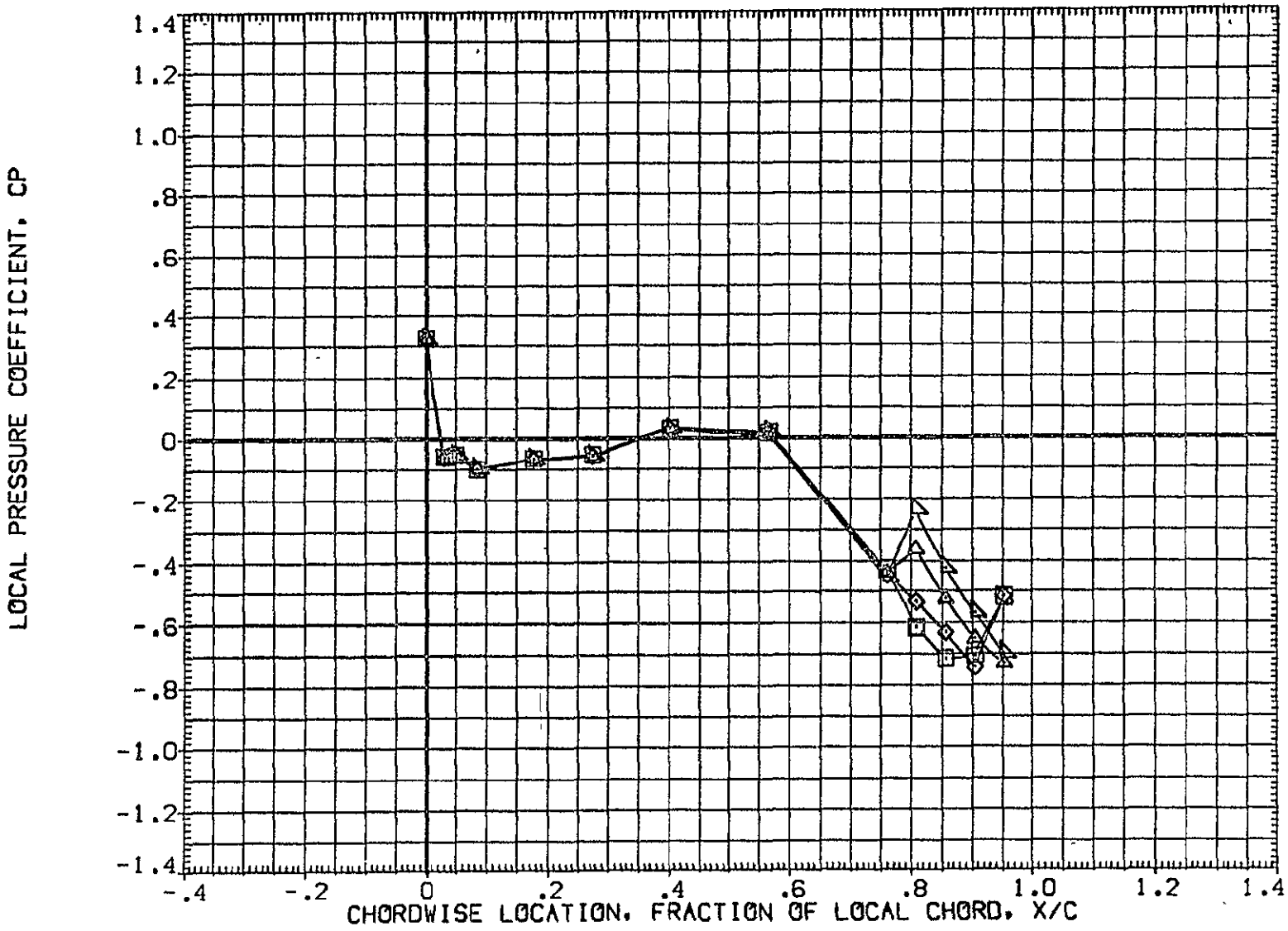

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

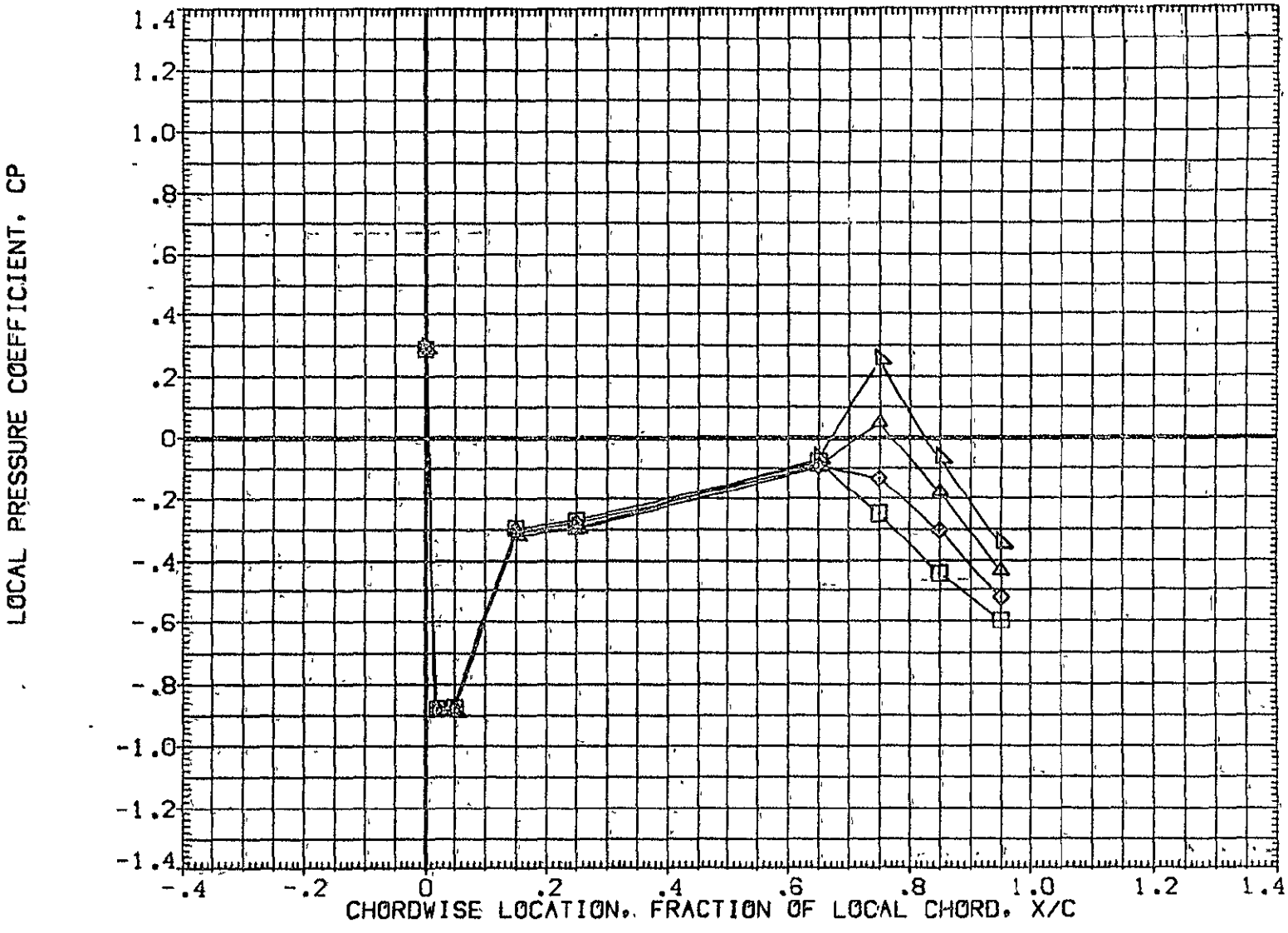

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

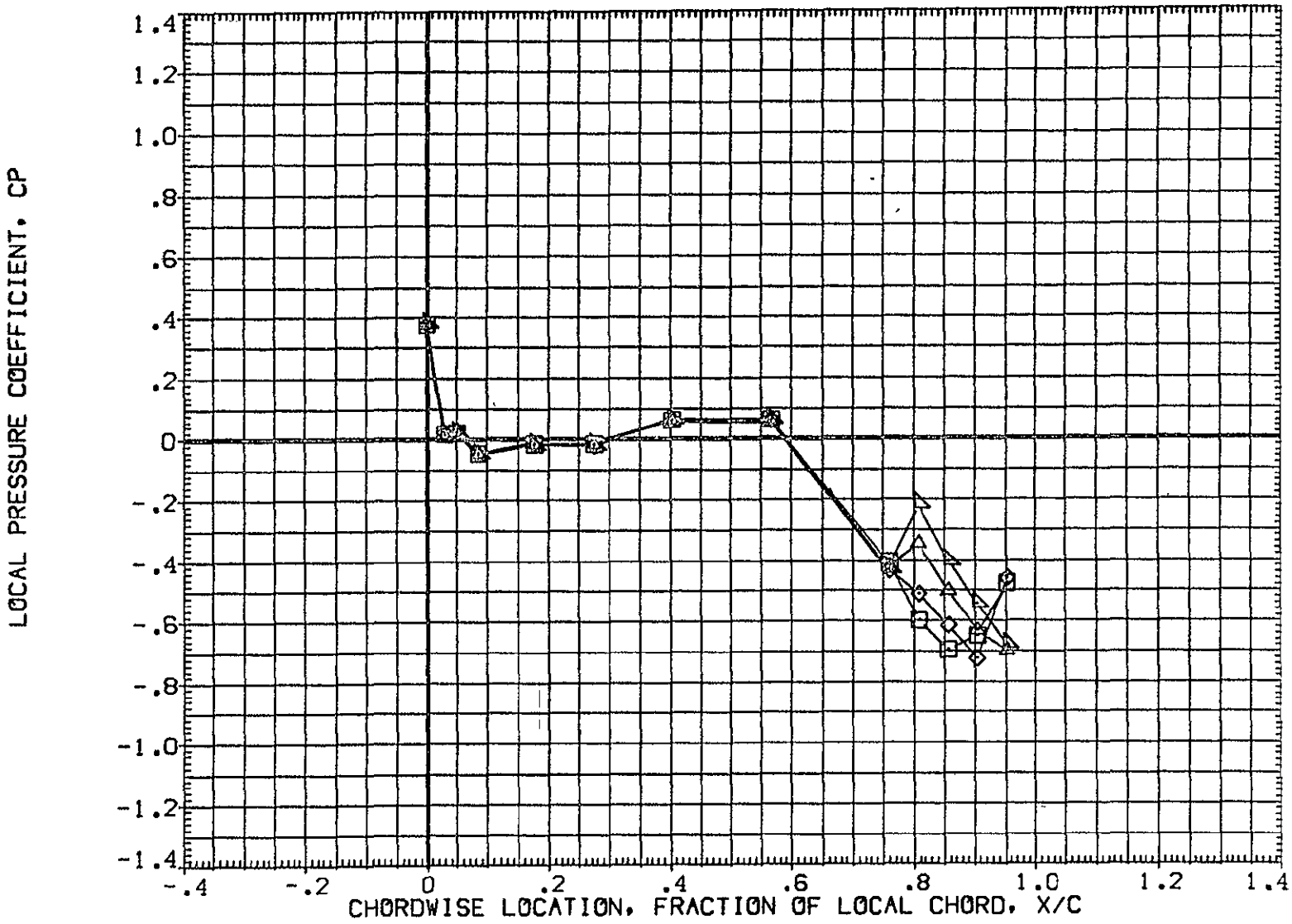

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

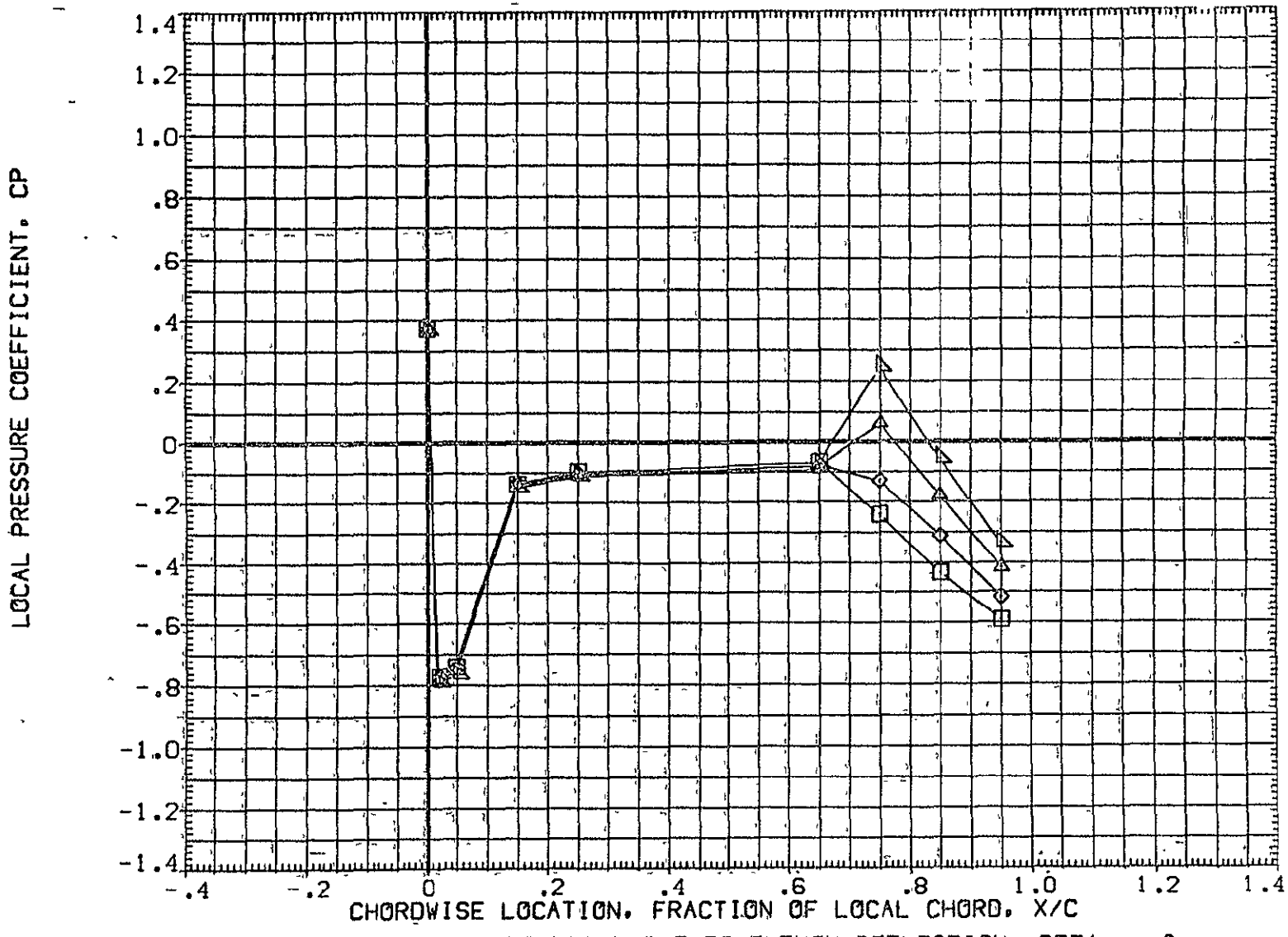

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
[AF7L45]	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

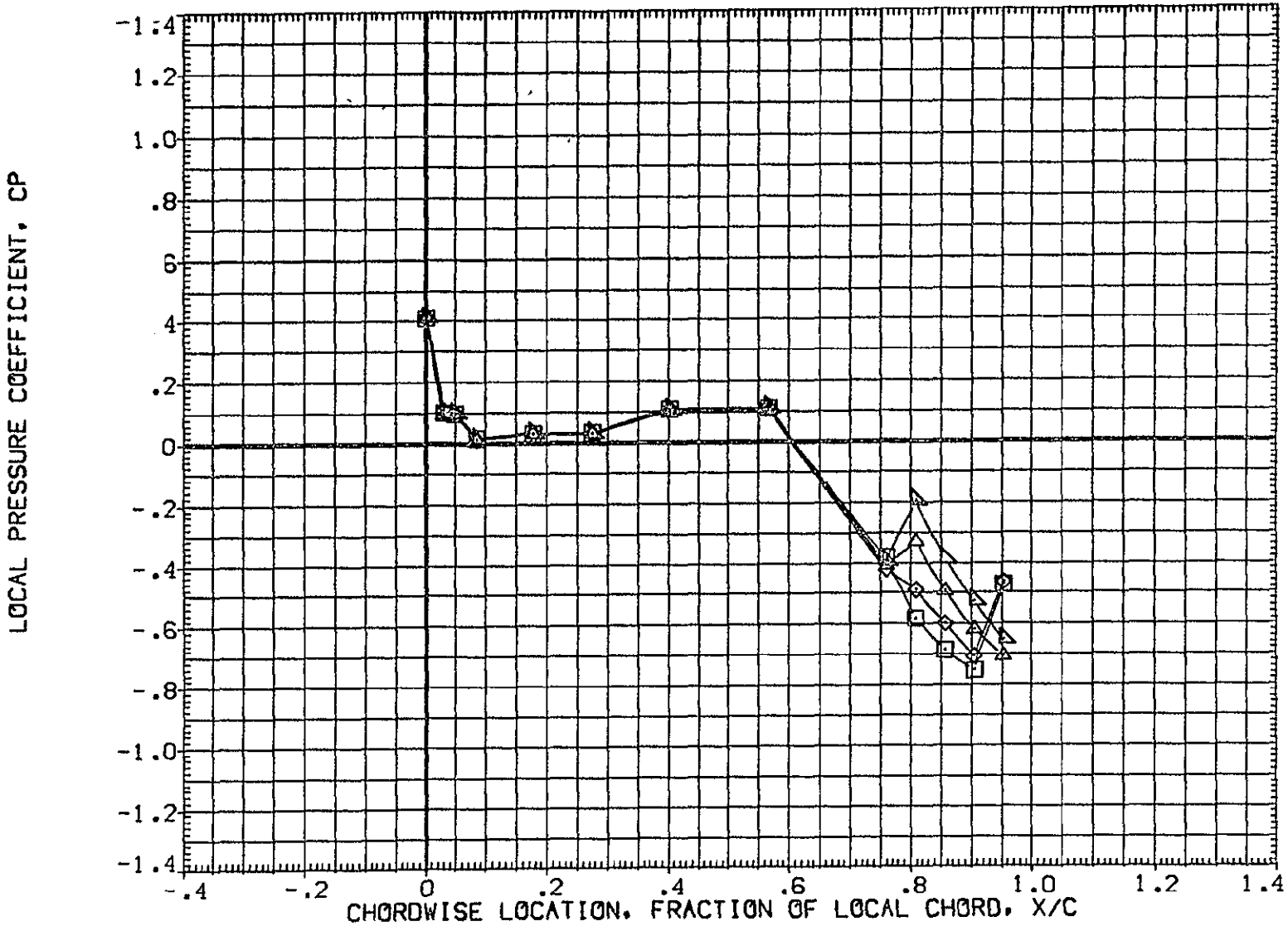

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

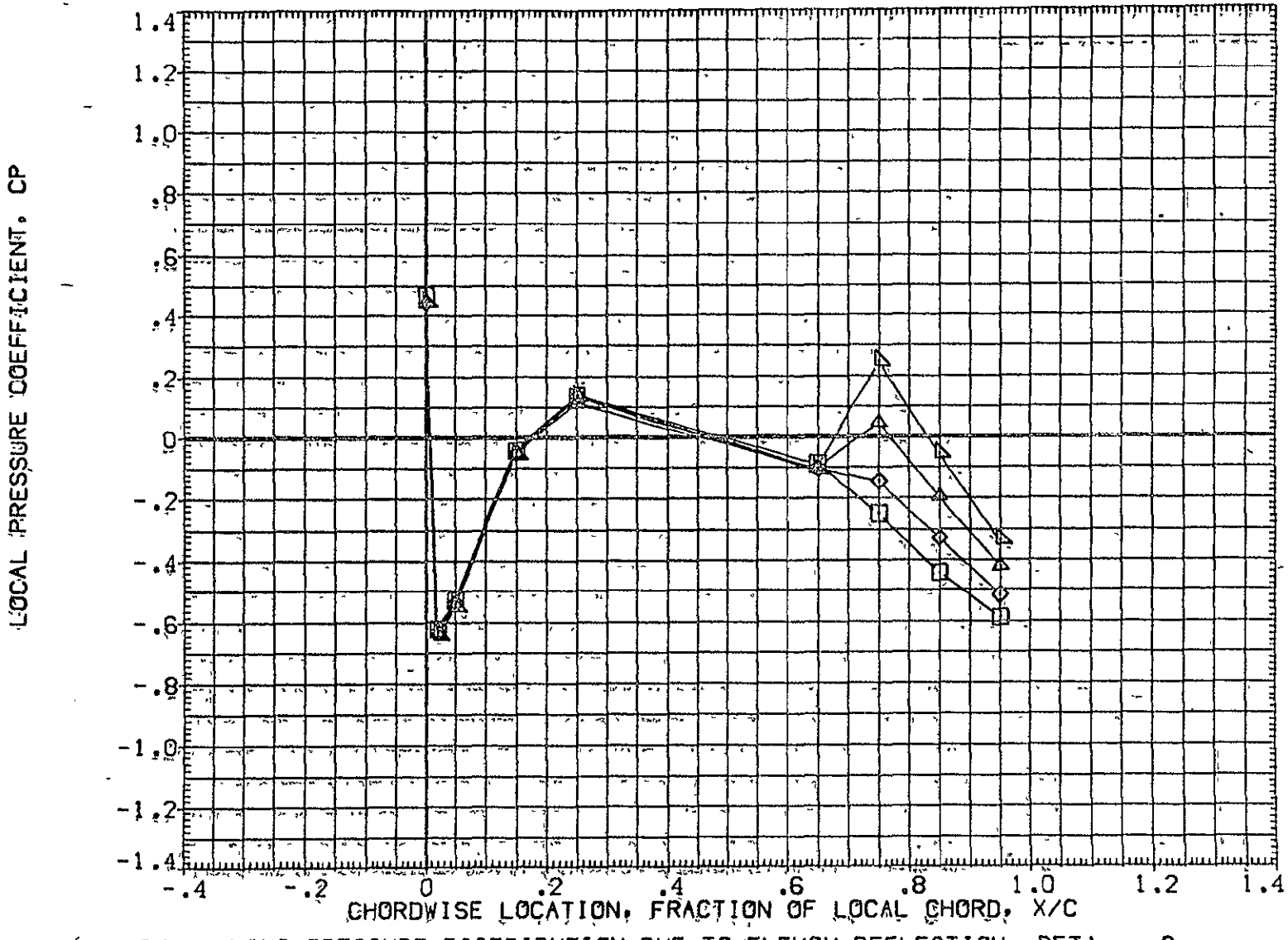

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

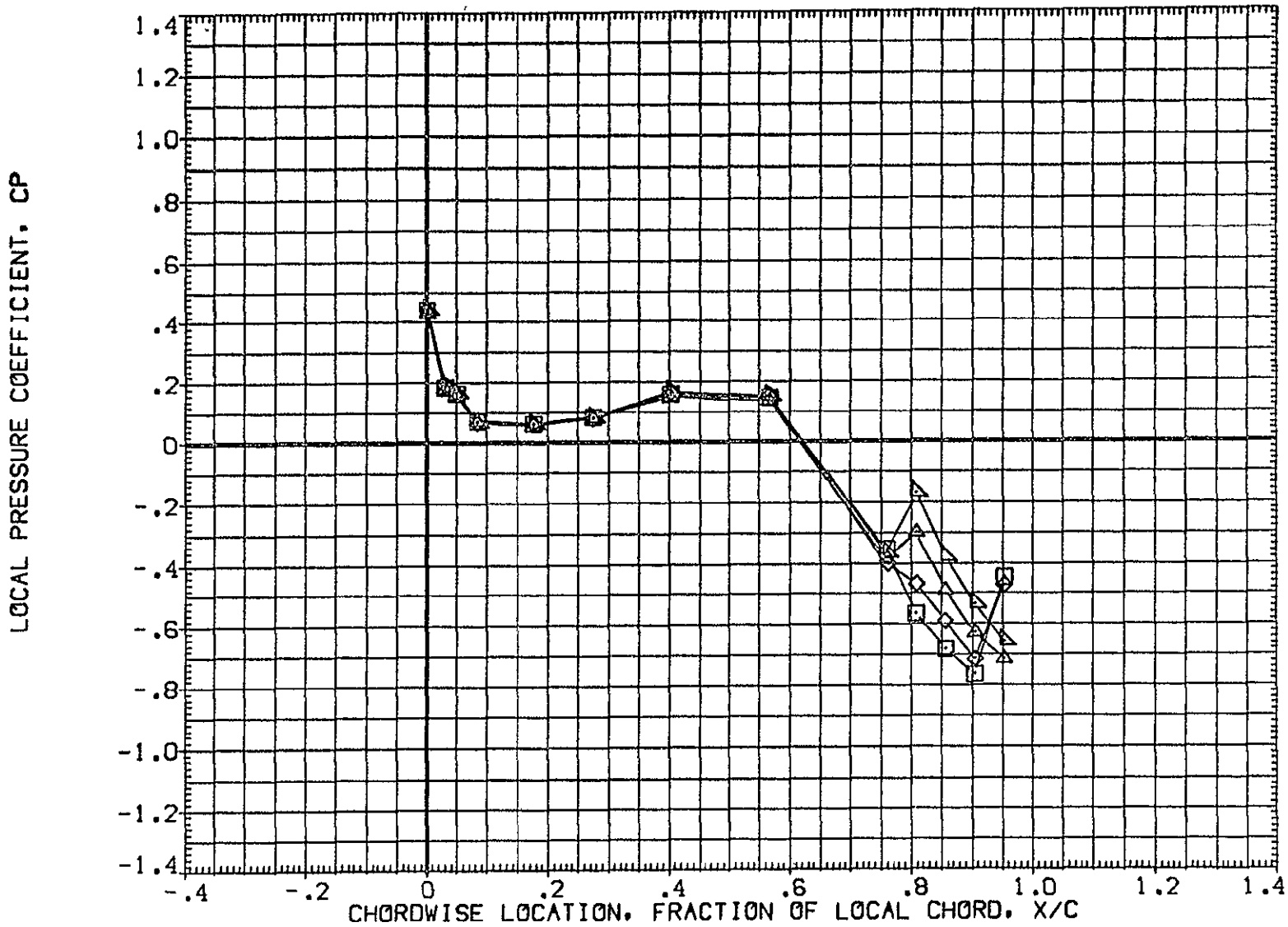

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

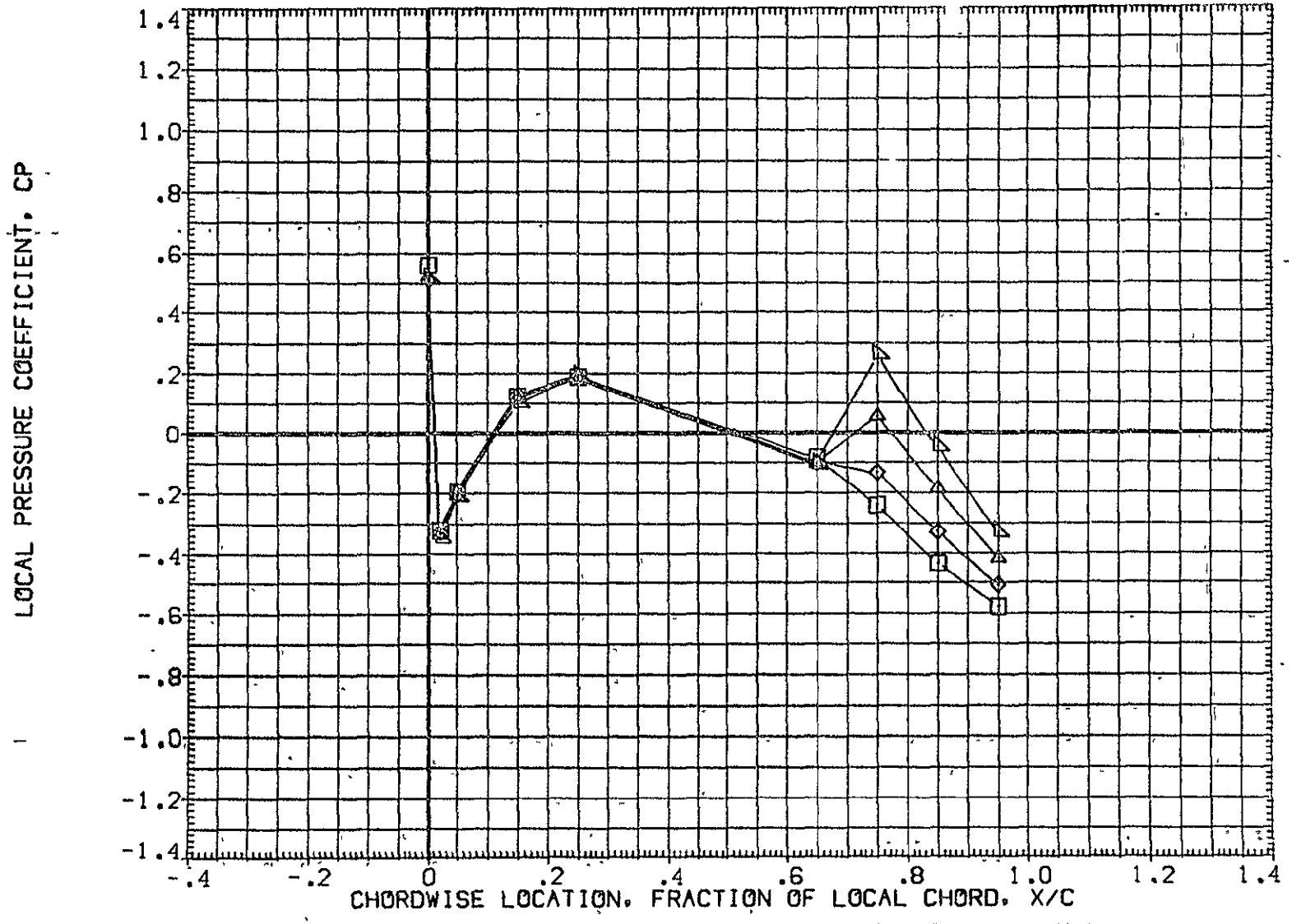

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

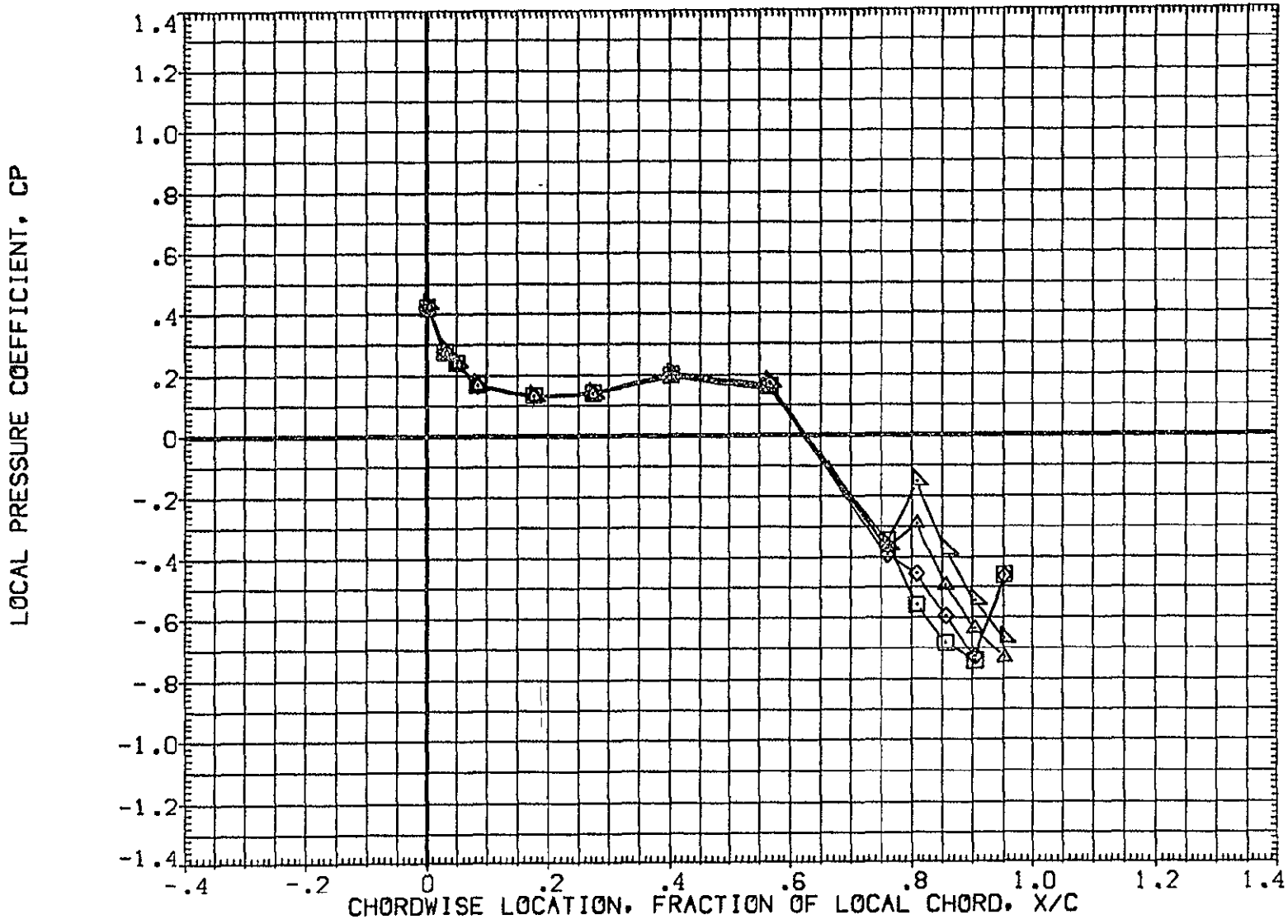

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

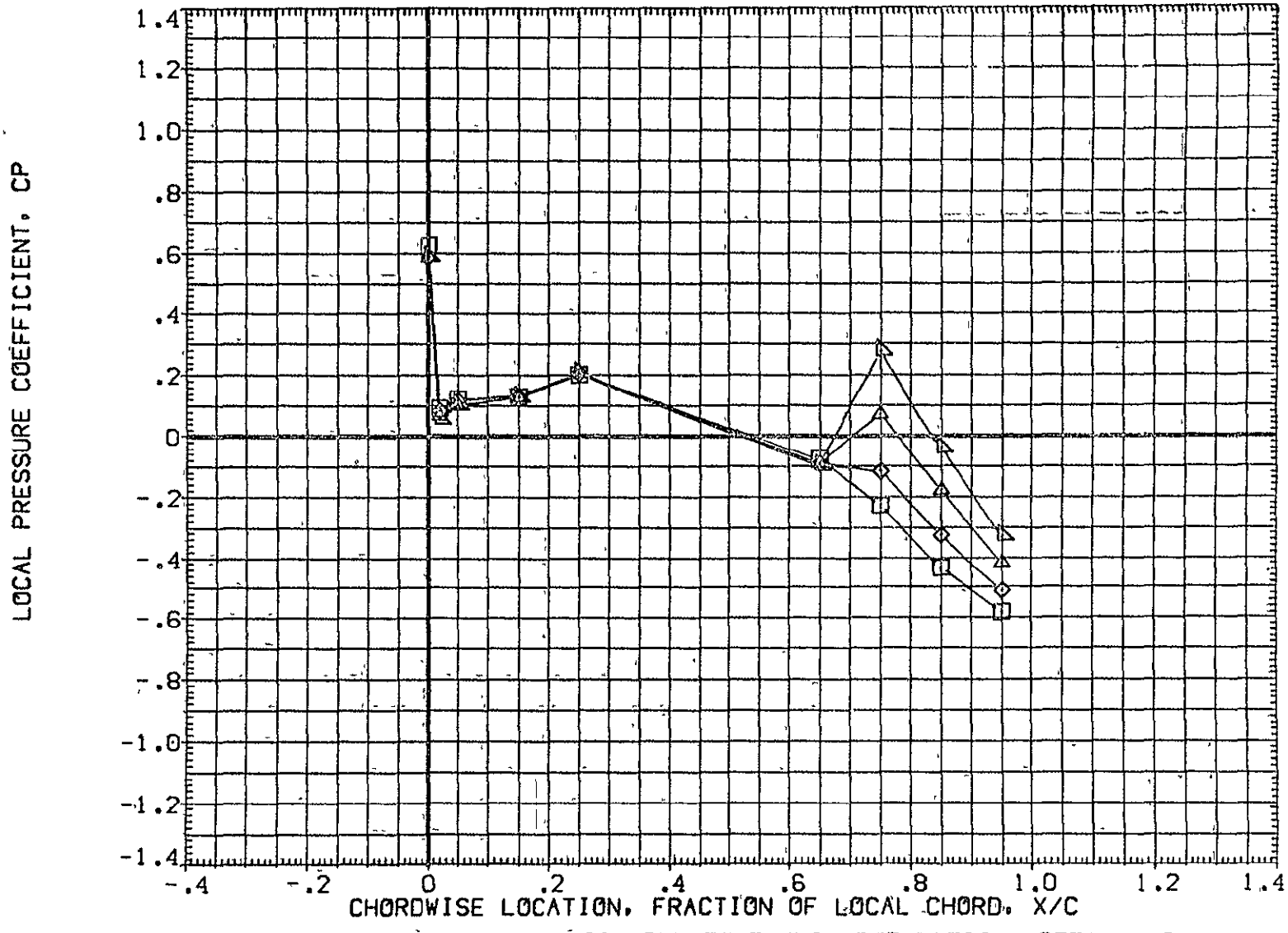

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⊲	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

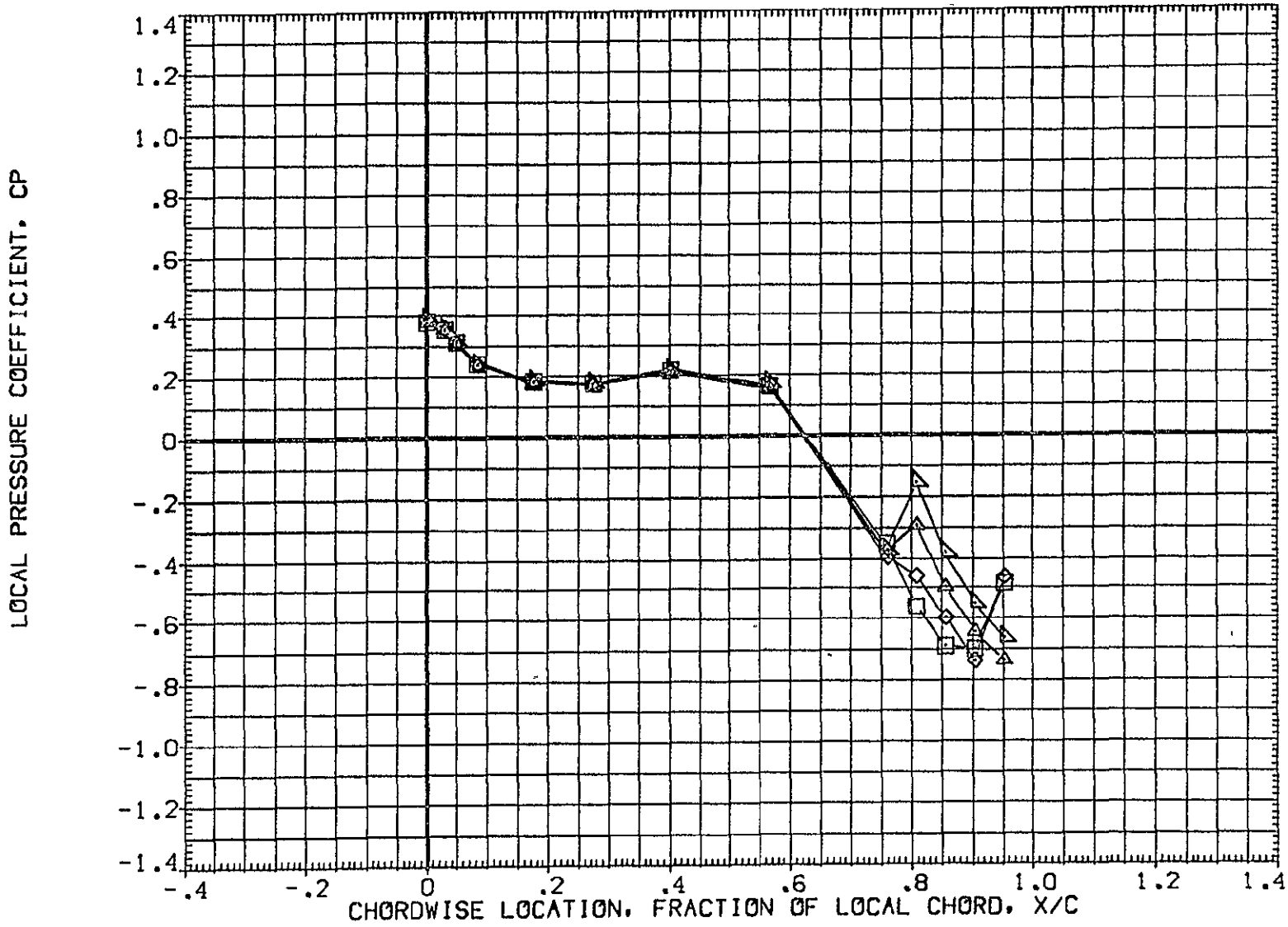

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

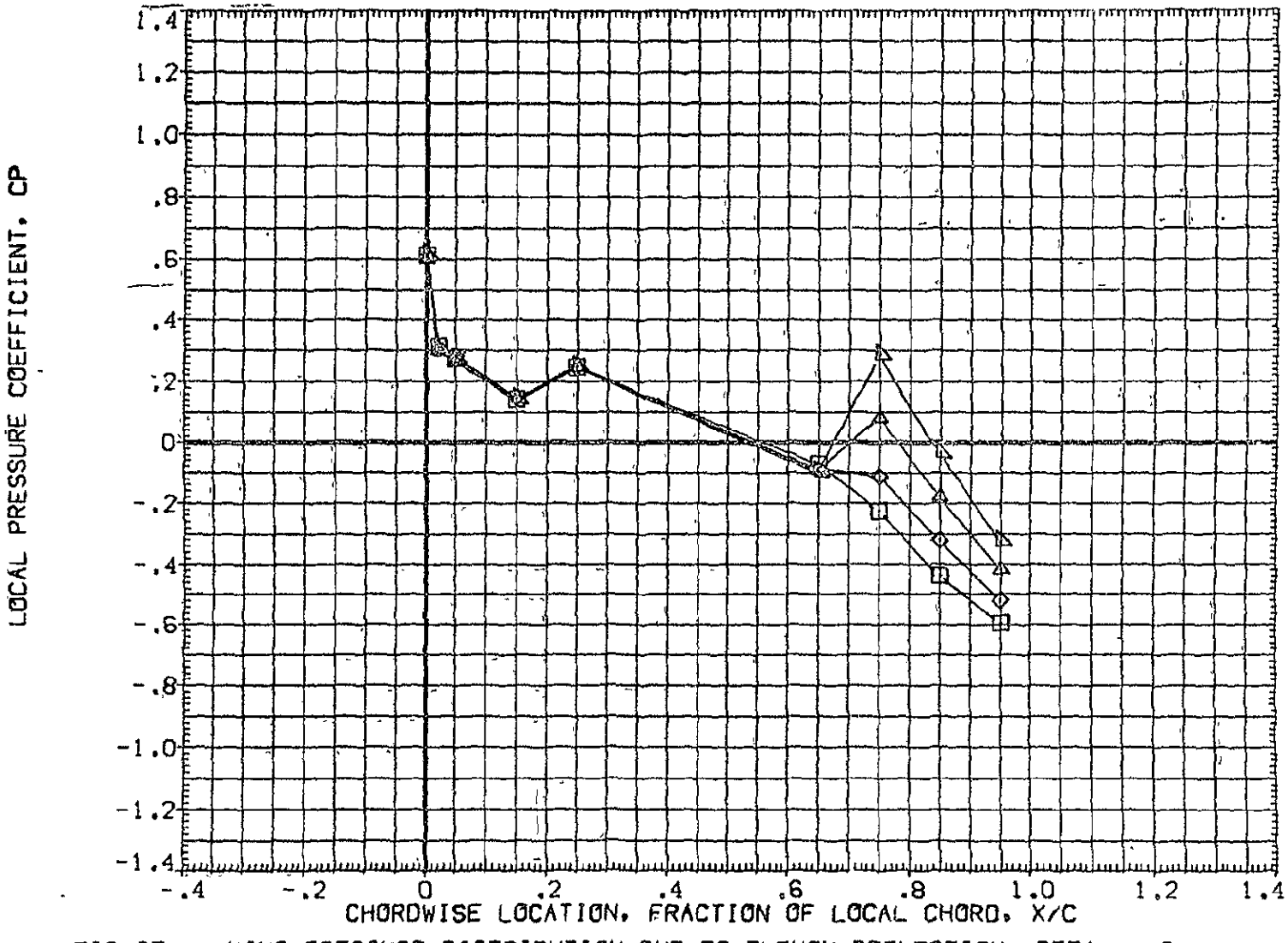

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

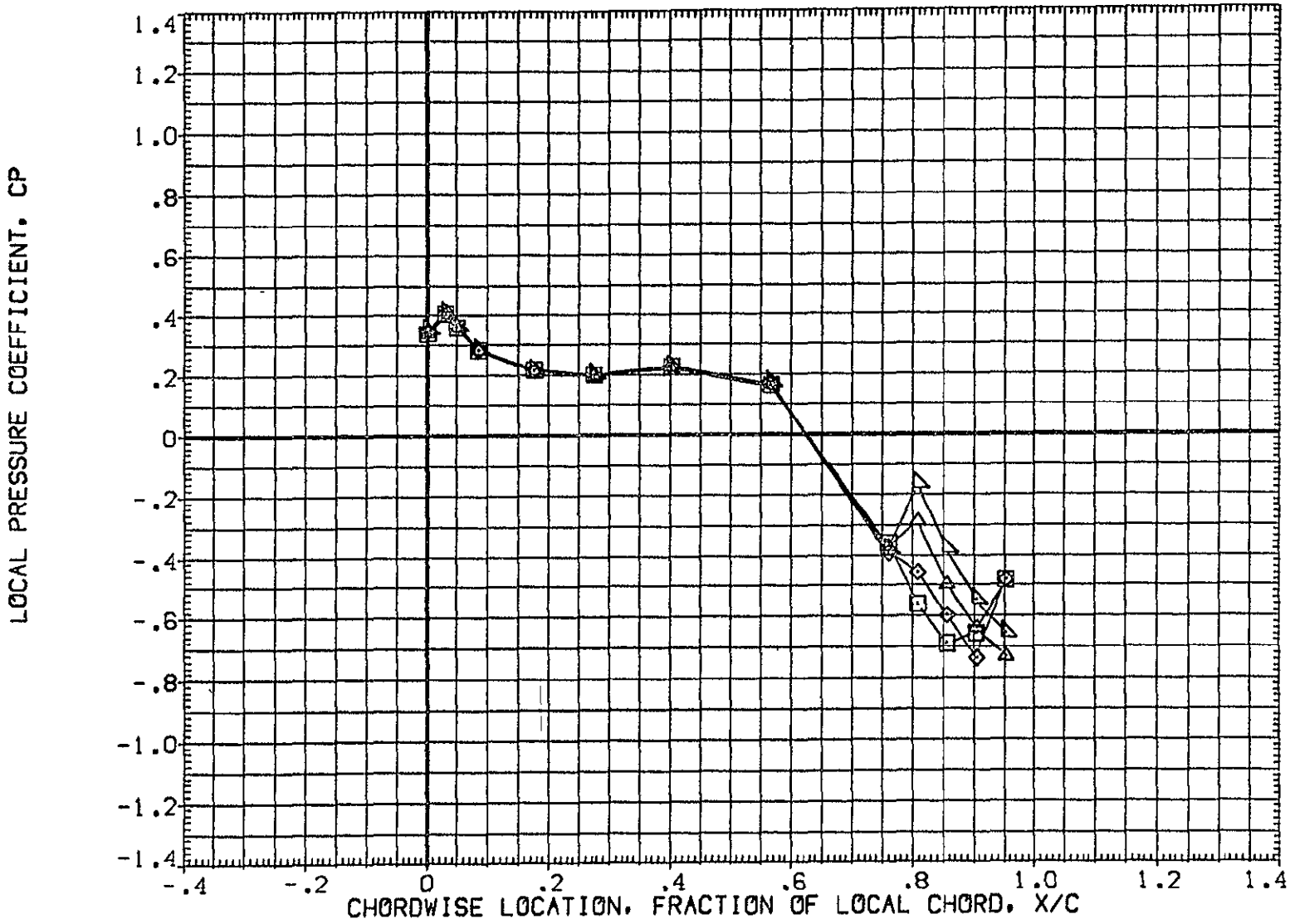

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

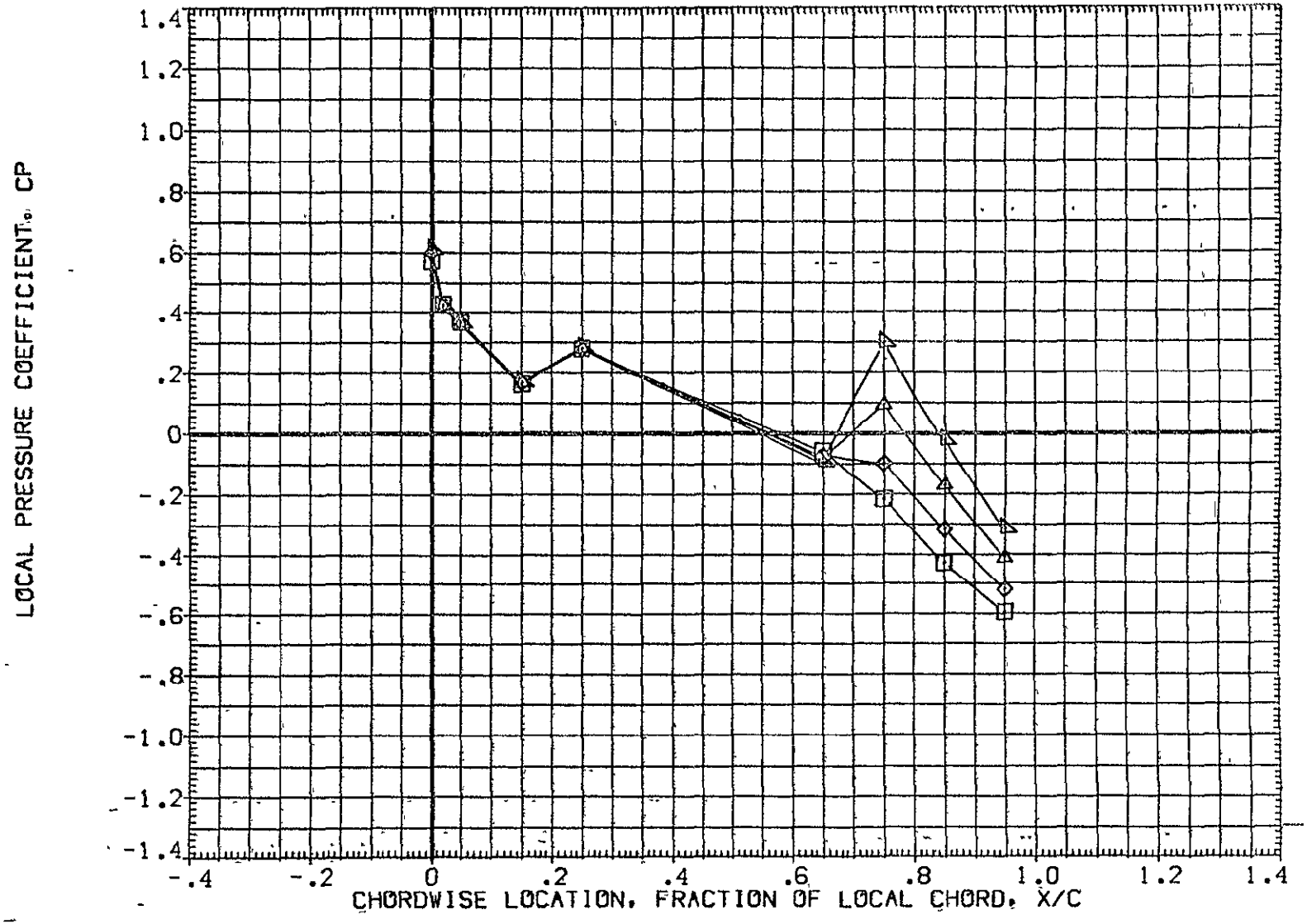

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

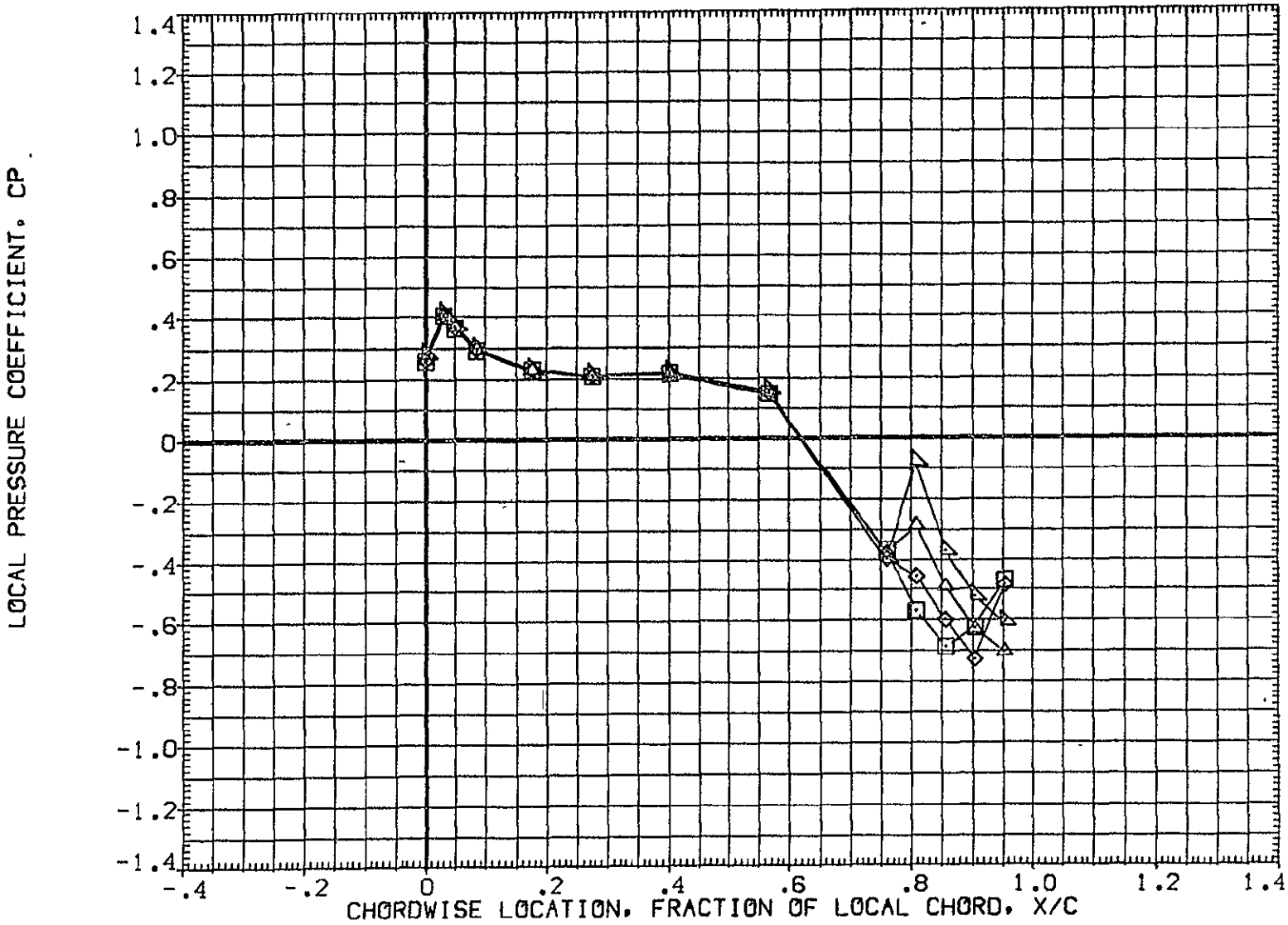

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 TI2 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 TI2 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 TI2 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 TI2 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

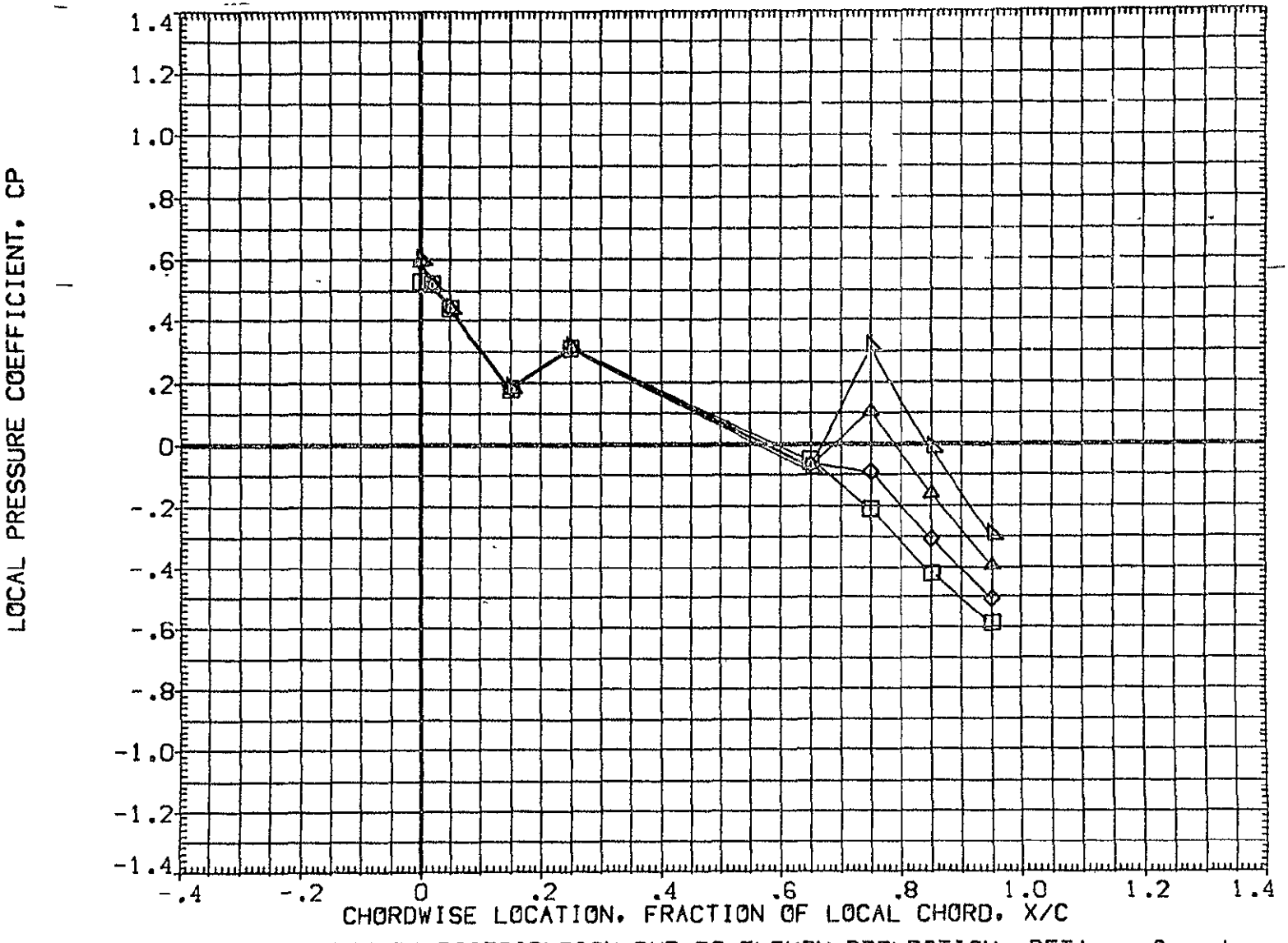

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

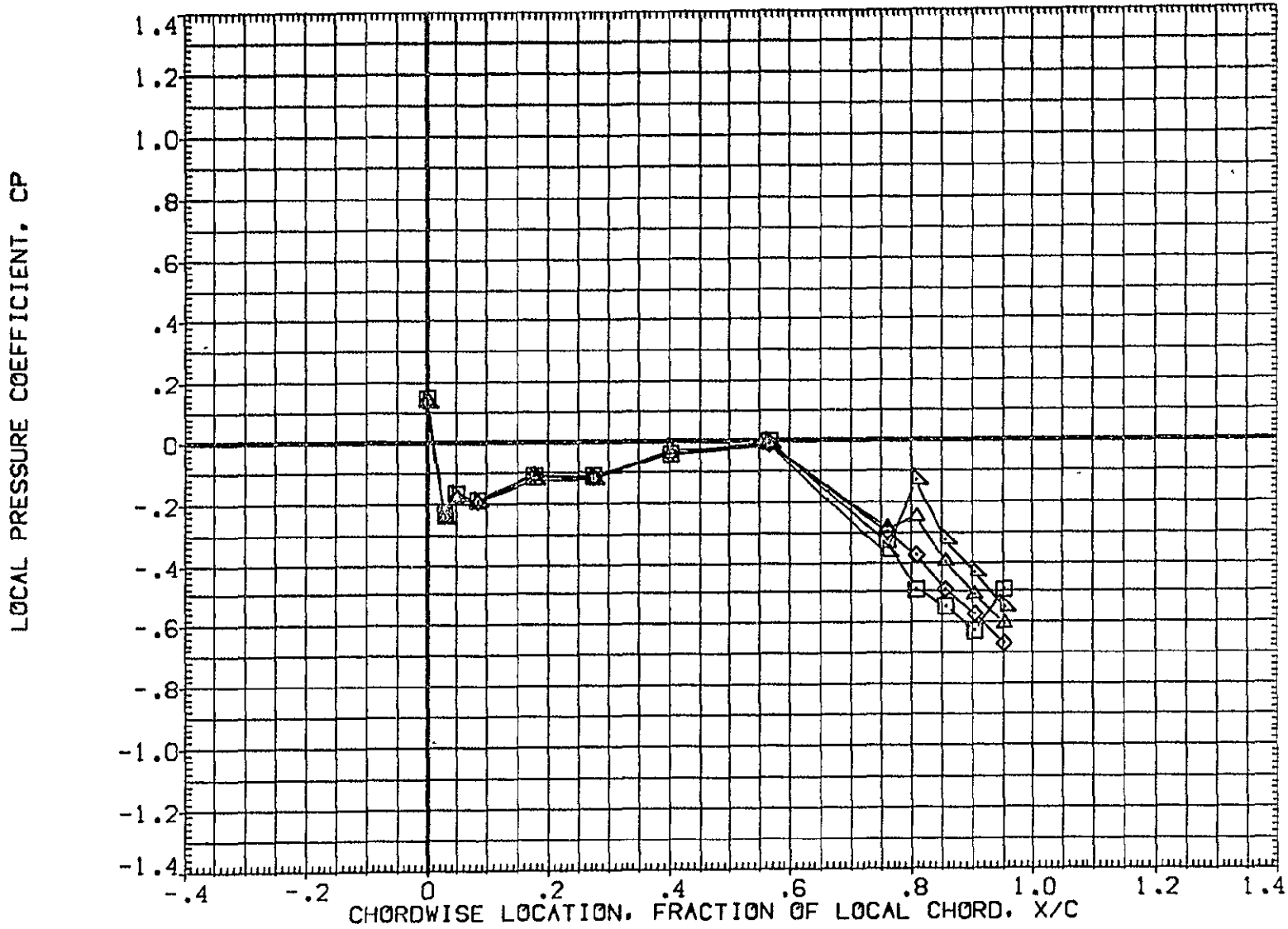

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

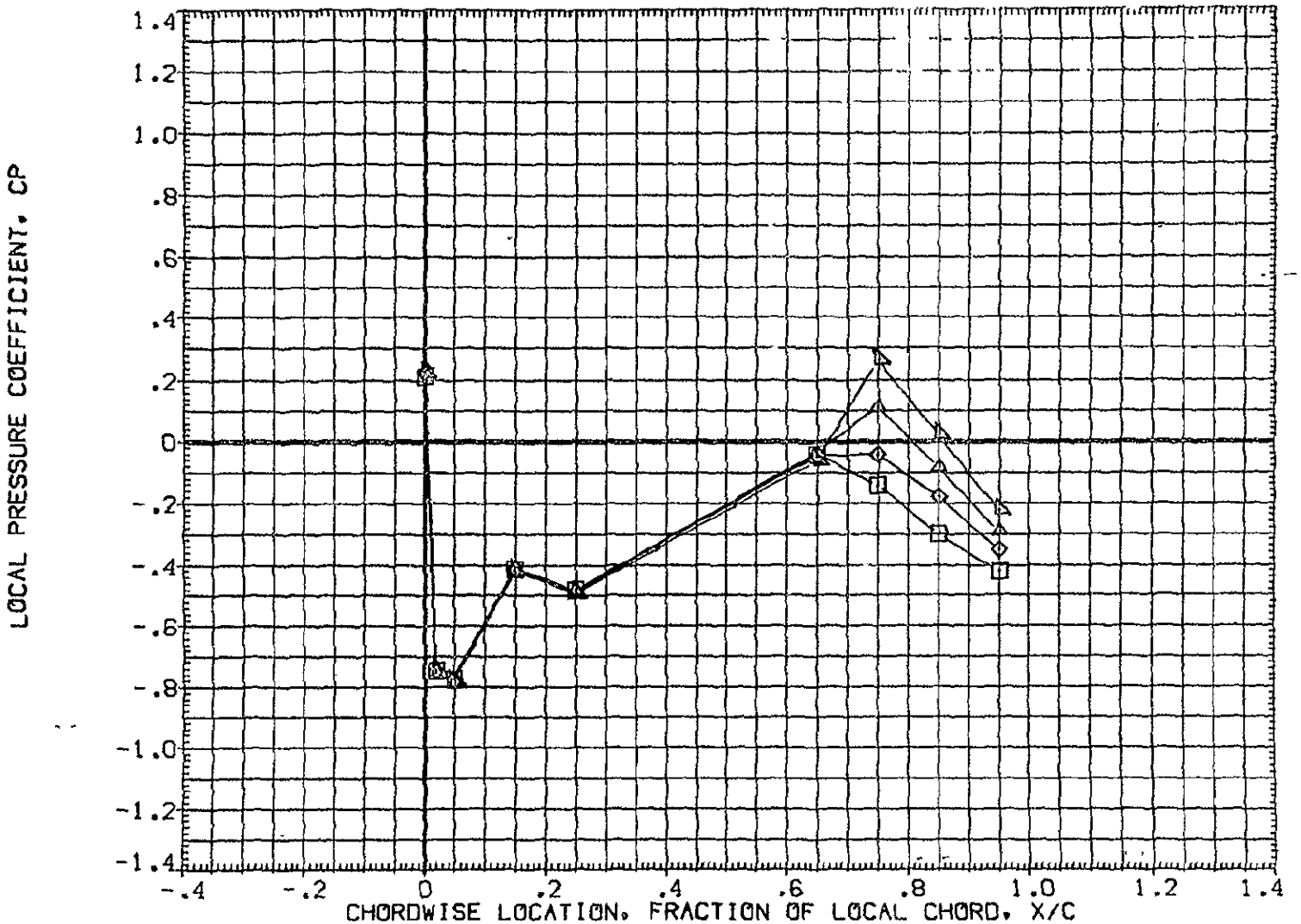

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

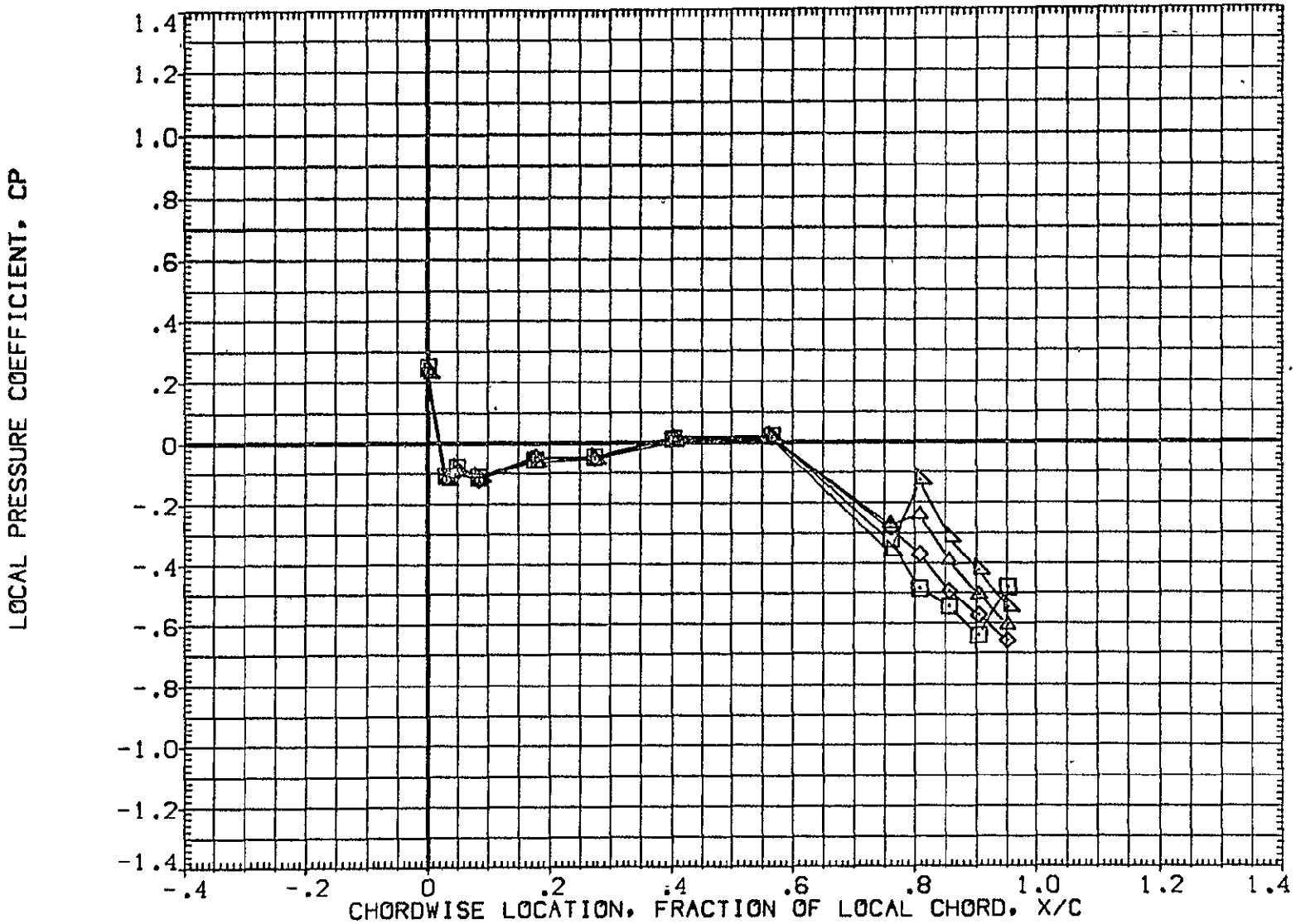

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

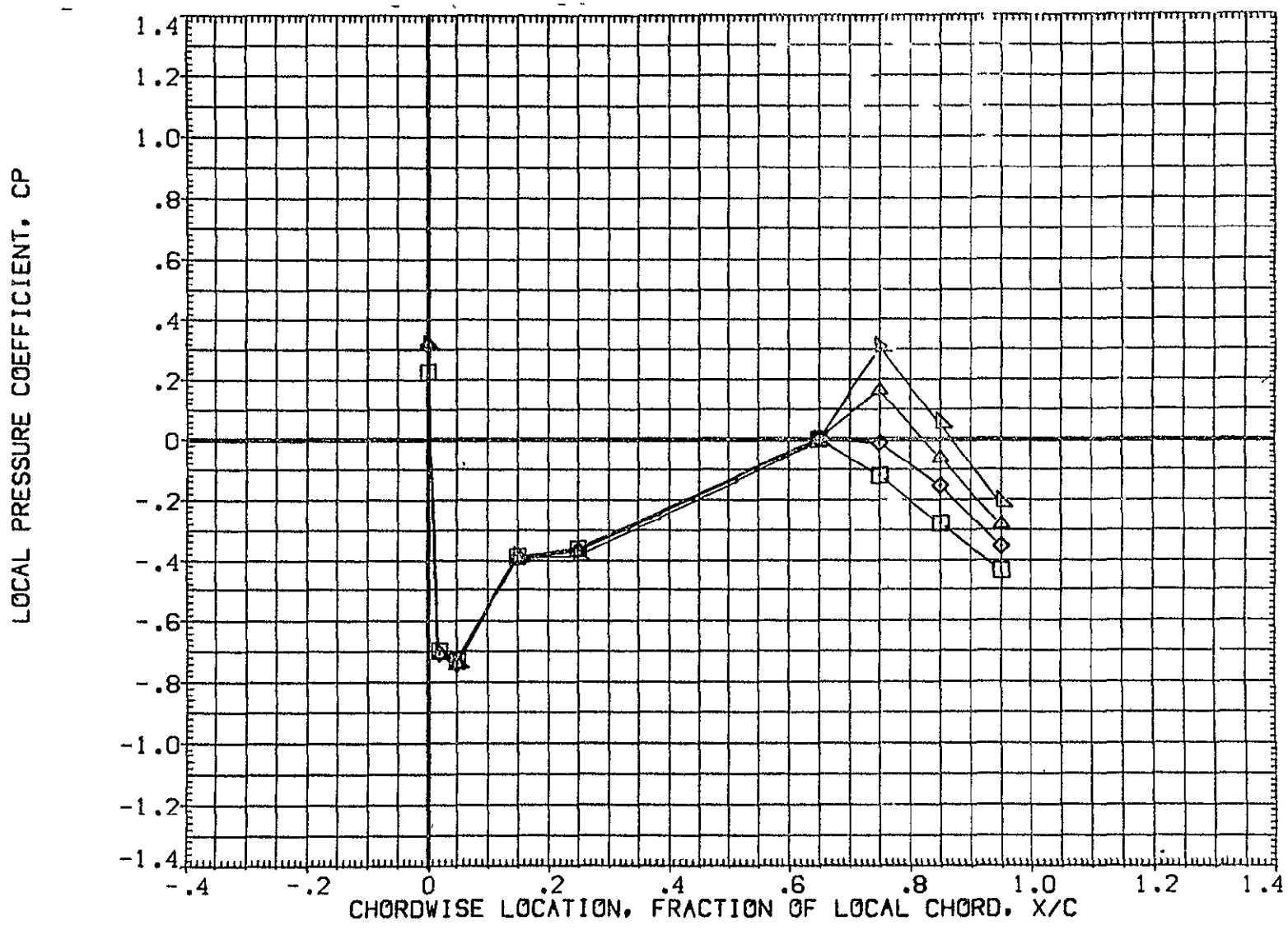

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	□	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

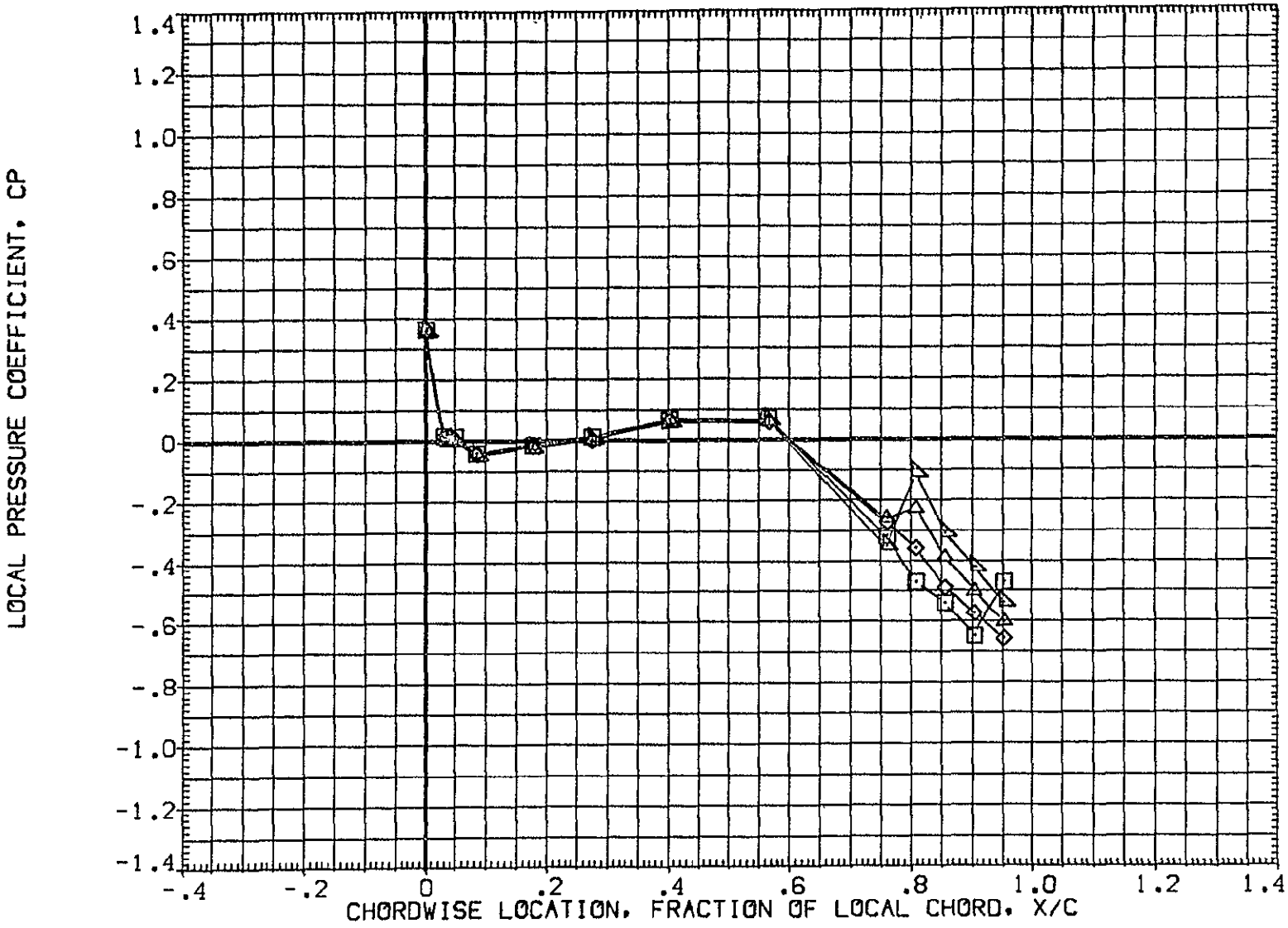

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◁	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	.000

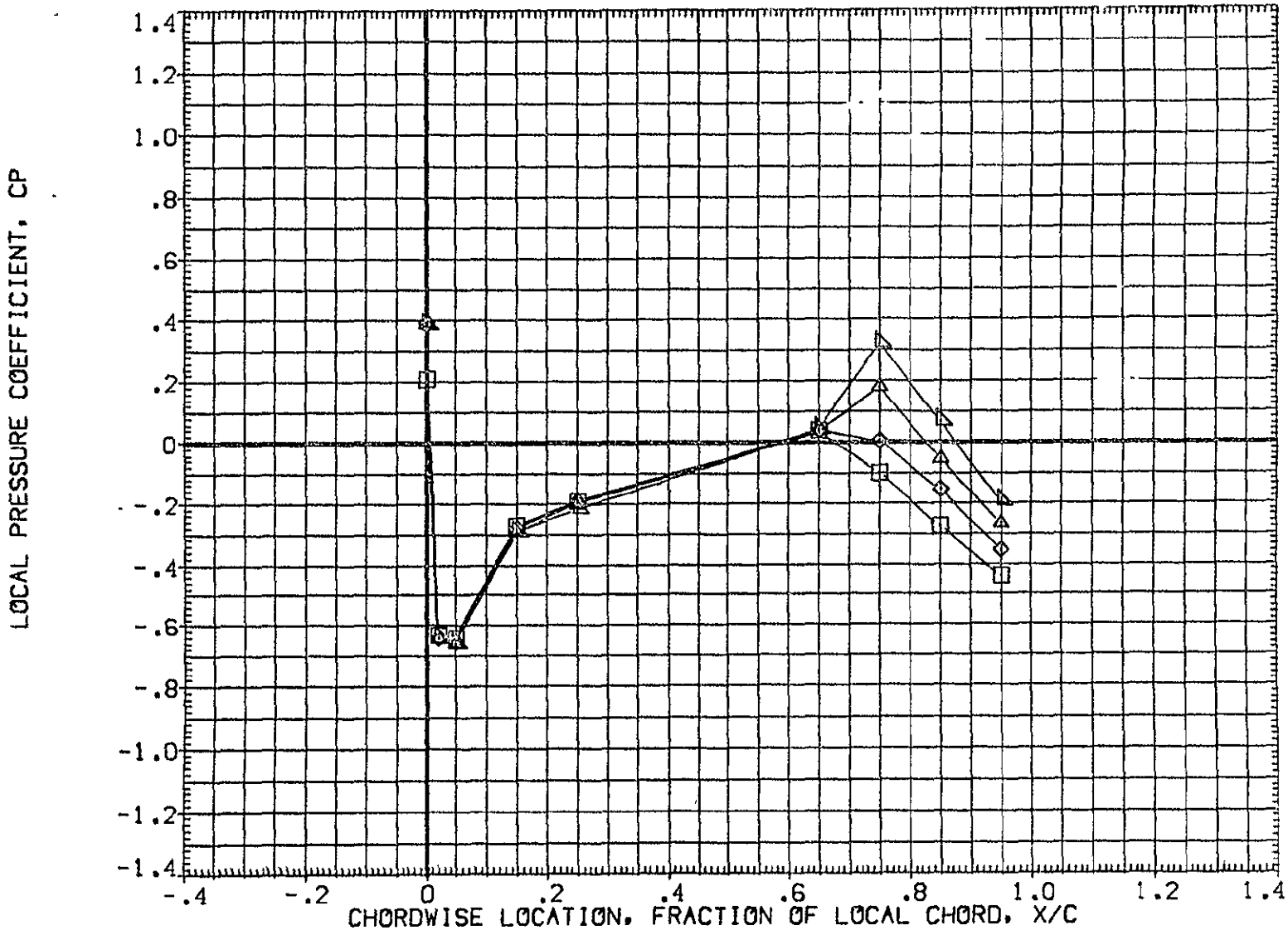

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7L45)	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

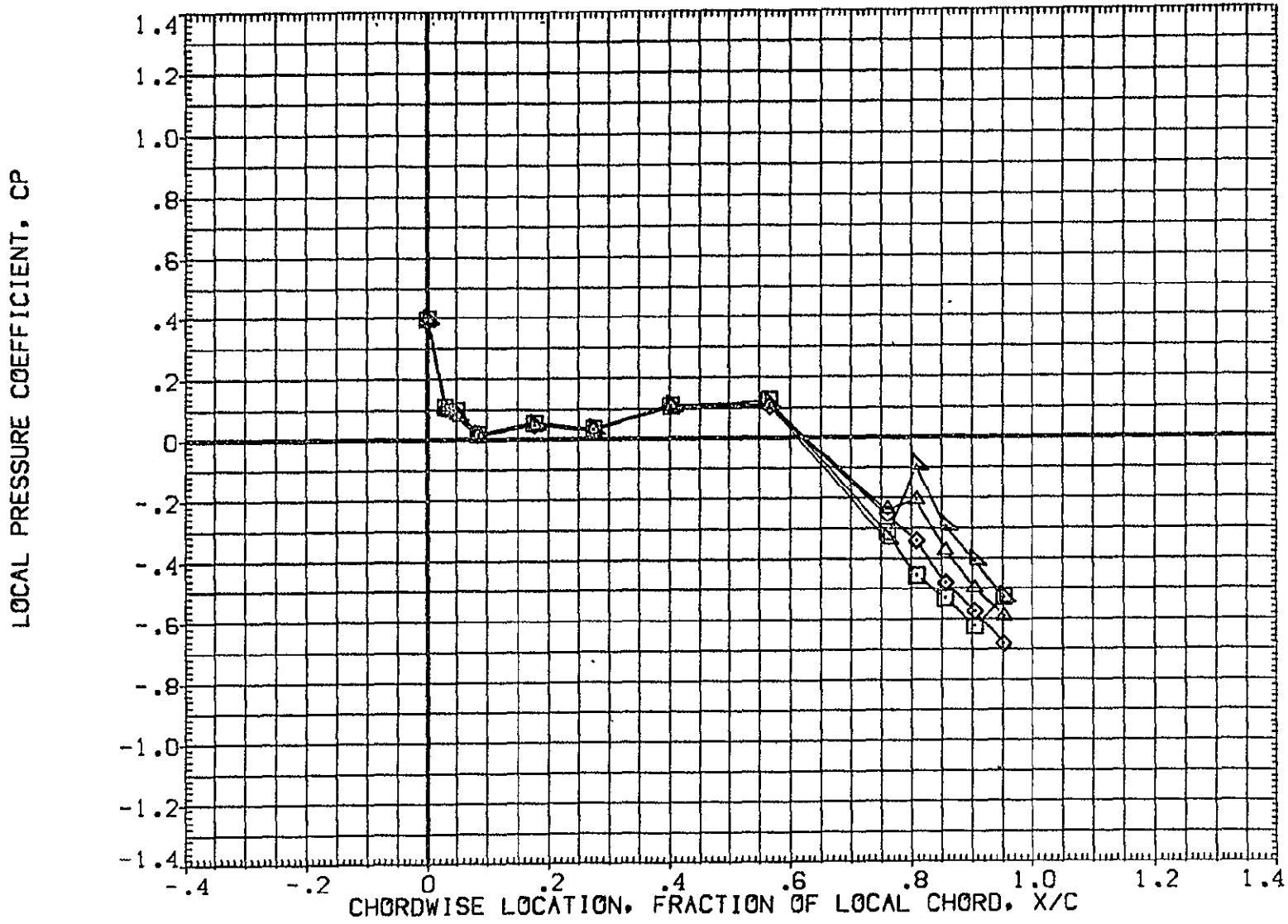

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

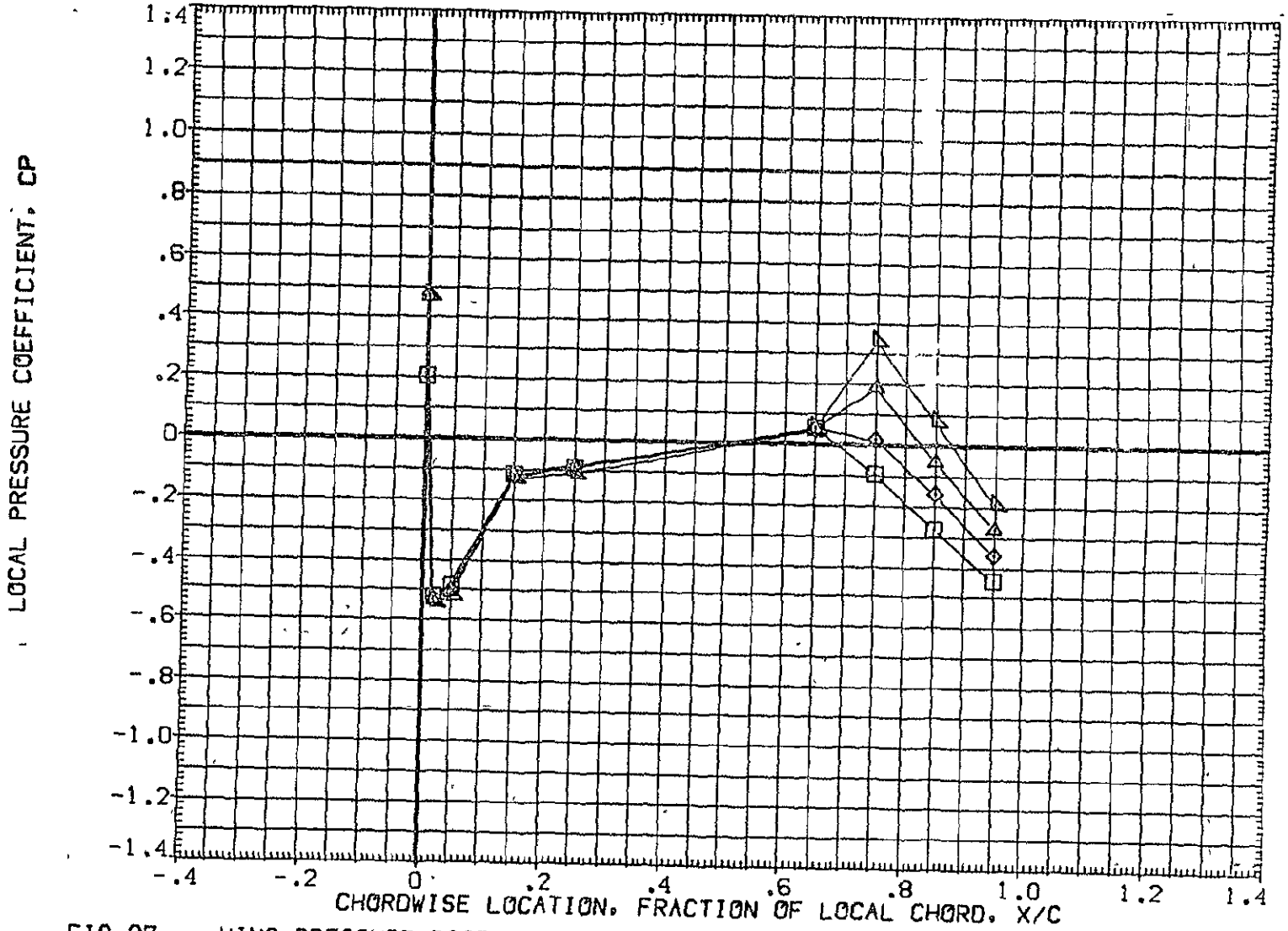

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE					
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
		WING LOWER SURFACE	8.000	12.000	12.000	12.000

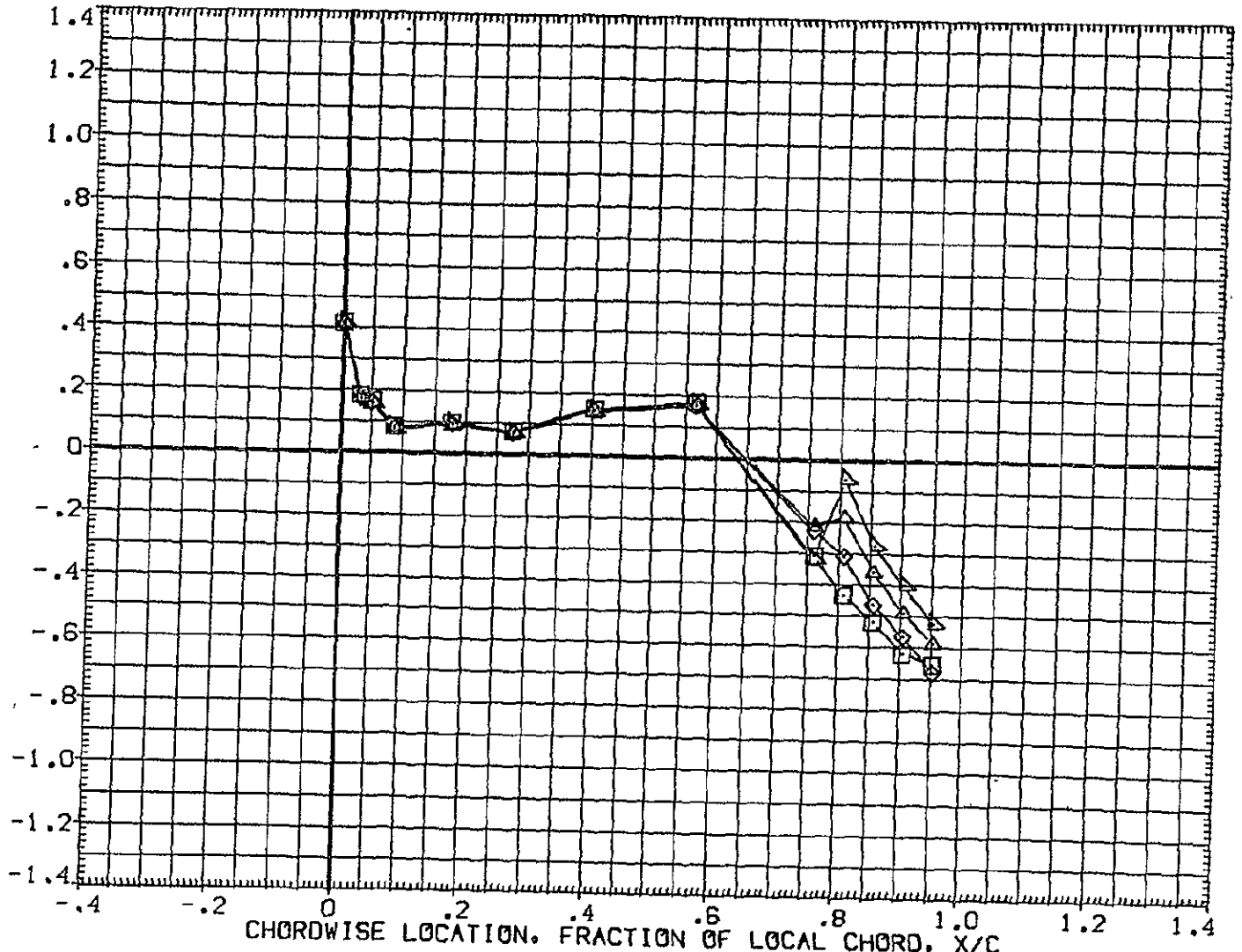

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

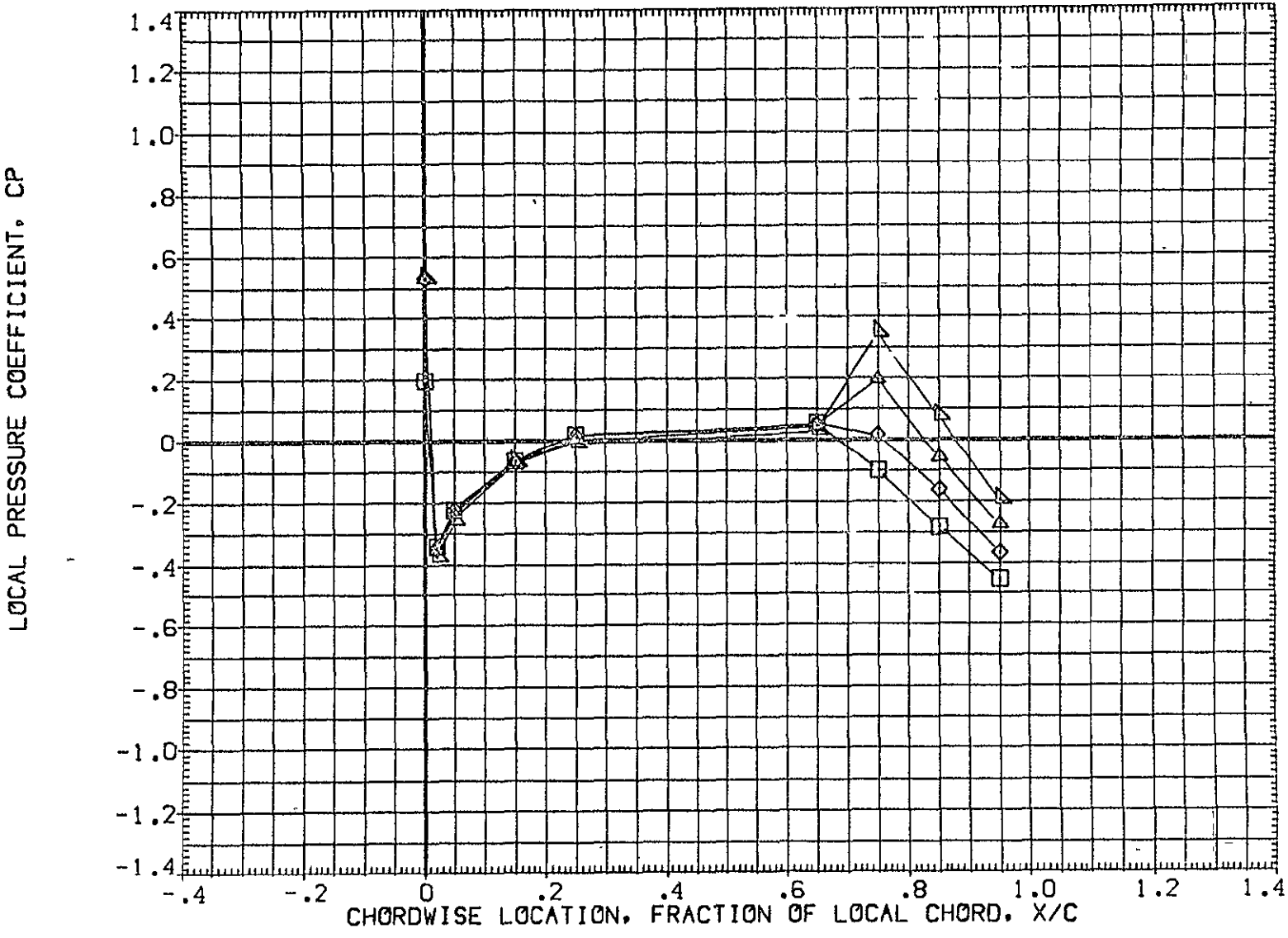

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

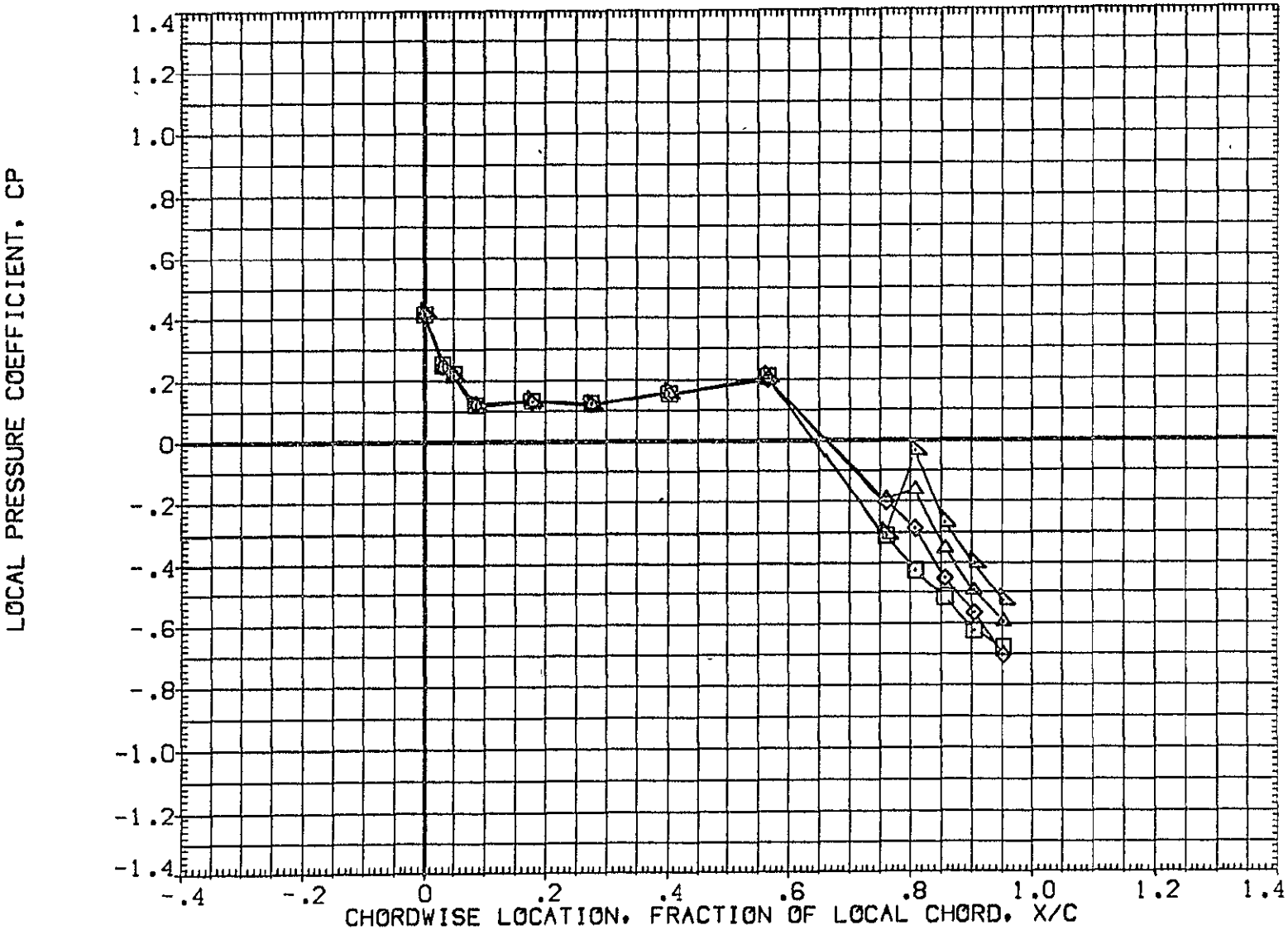

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

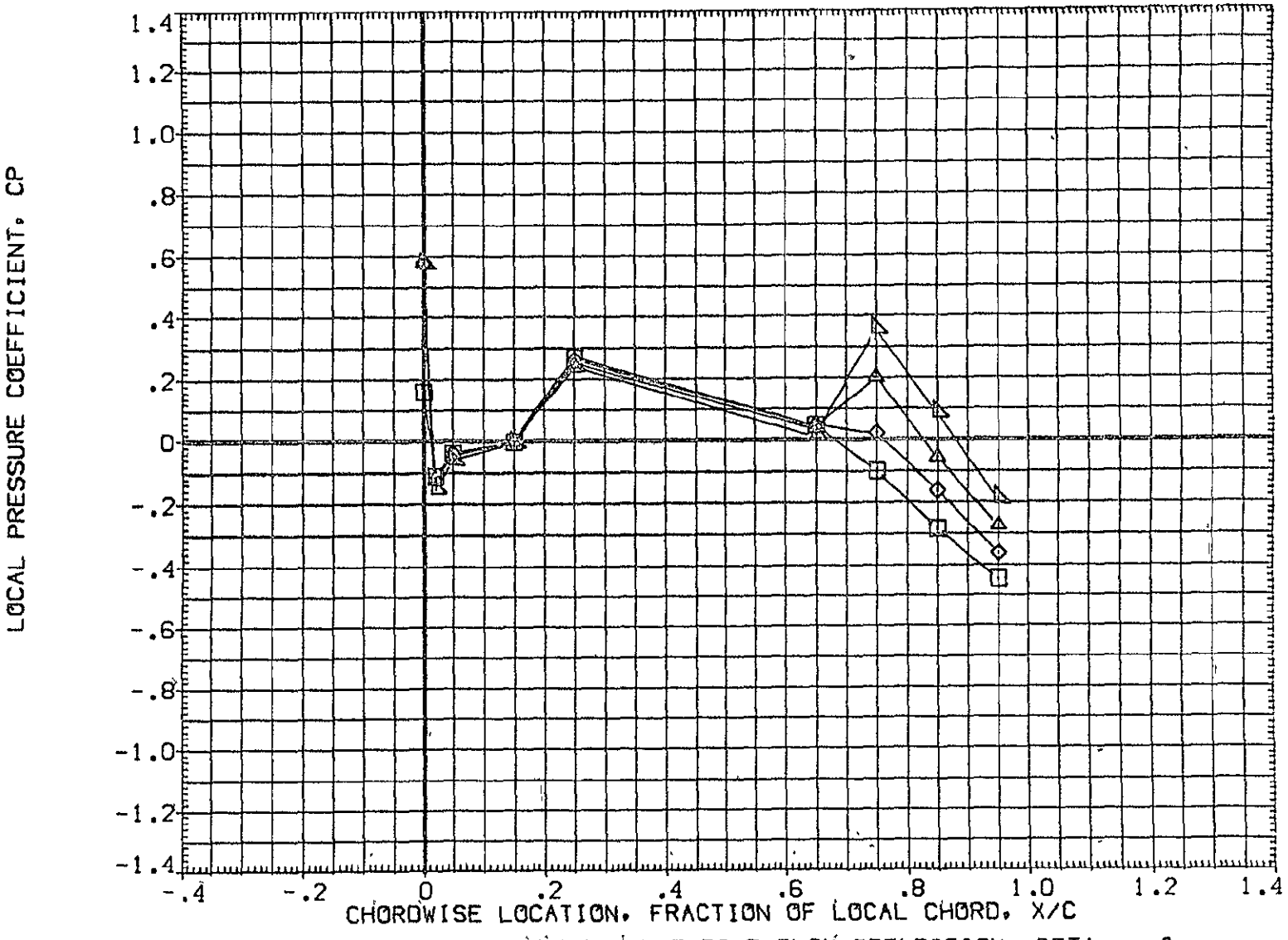

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

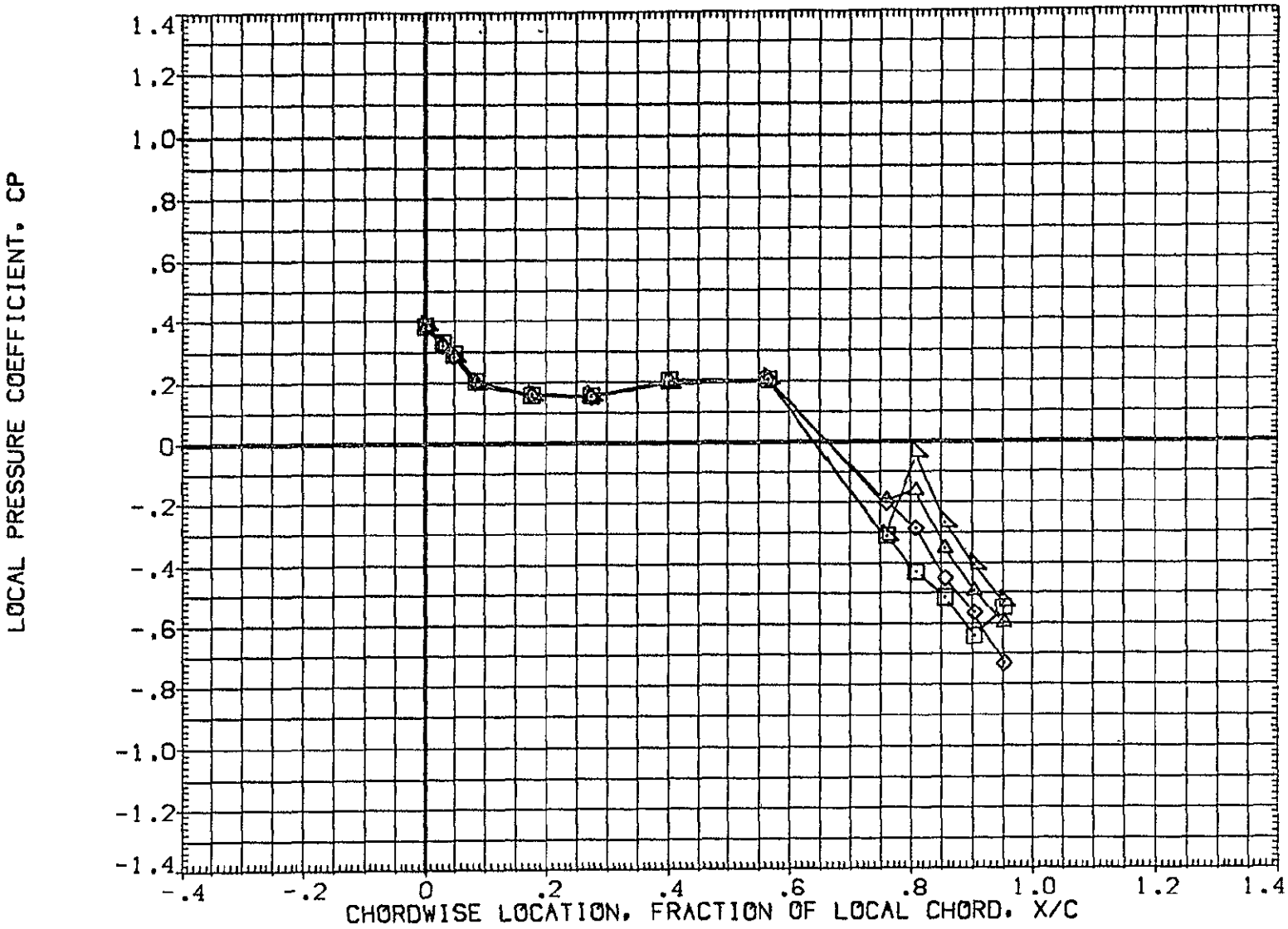

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

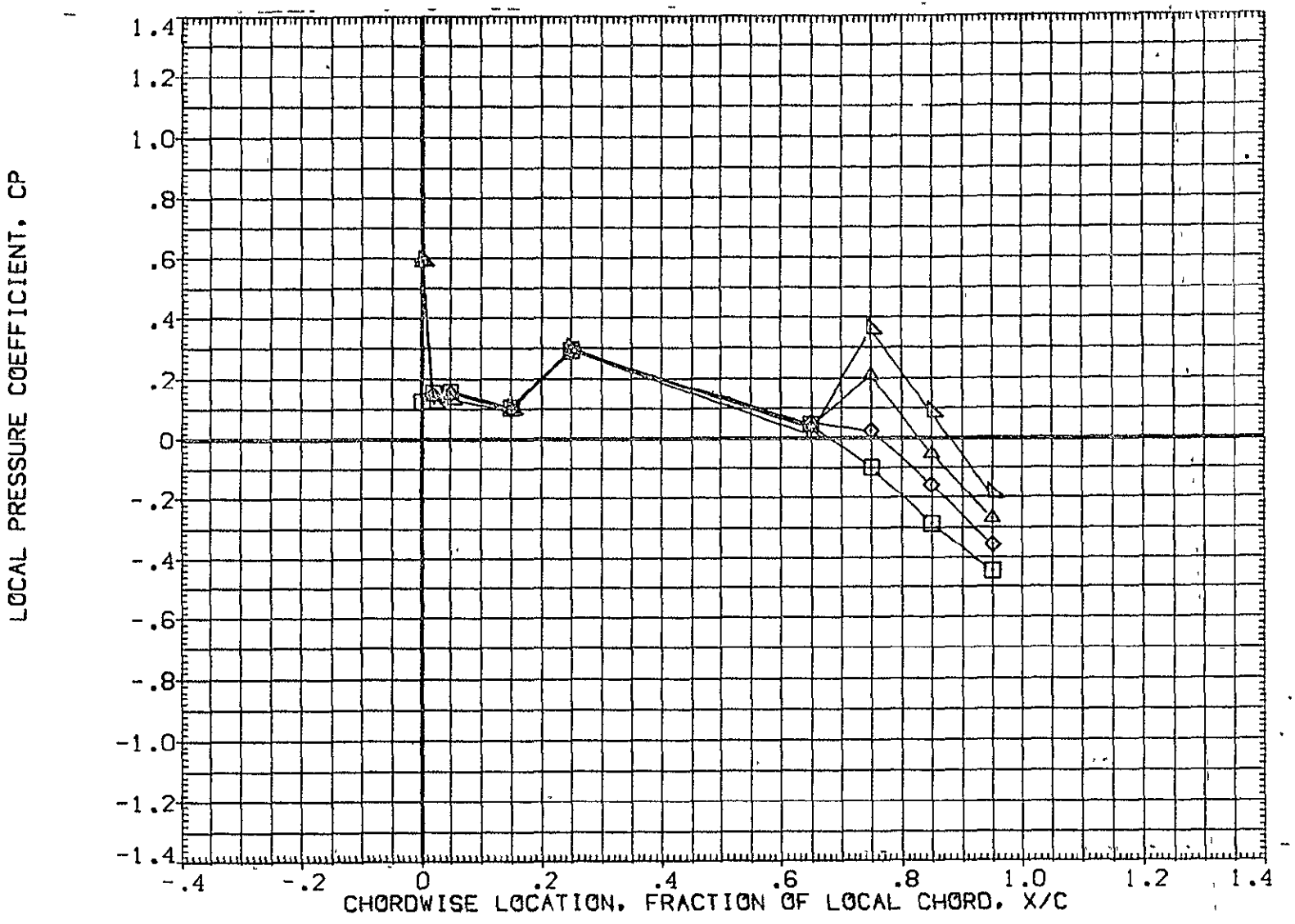

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

C-3

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE					
(AF7L45)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L50)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L55)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L60)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
			WING LOWER SURFACE	8.000	12.000	12.000	12.000

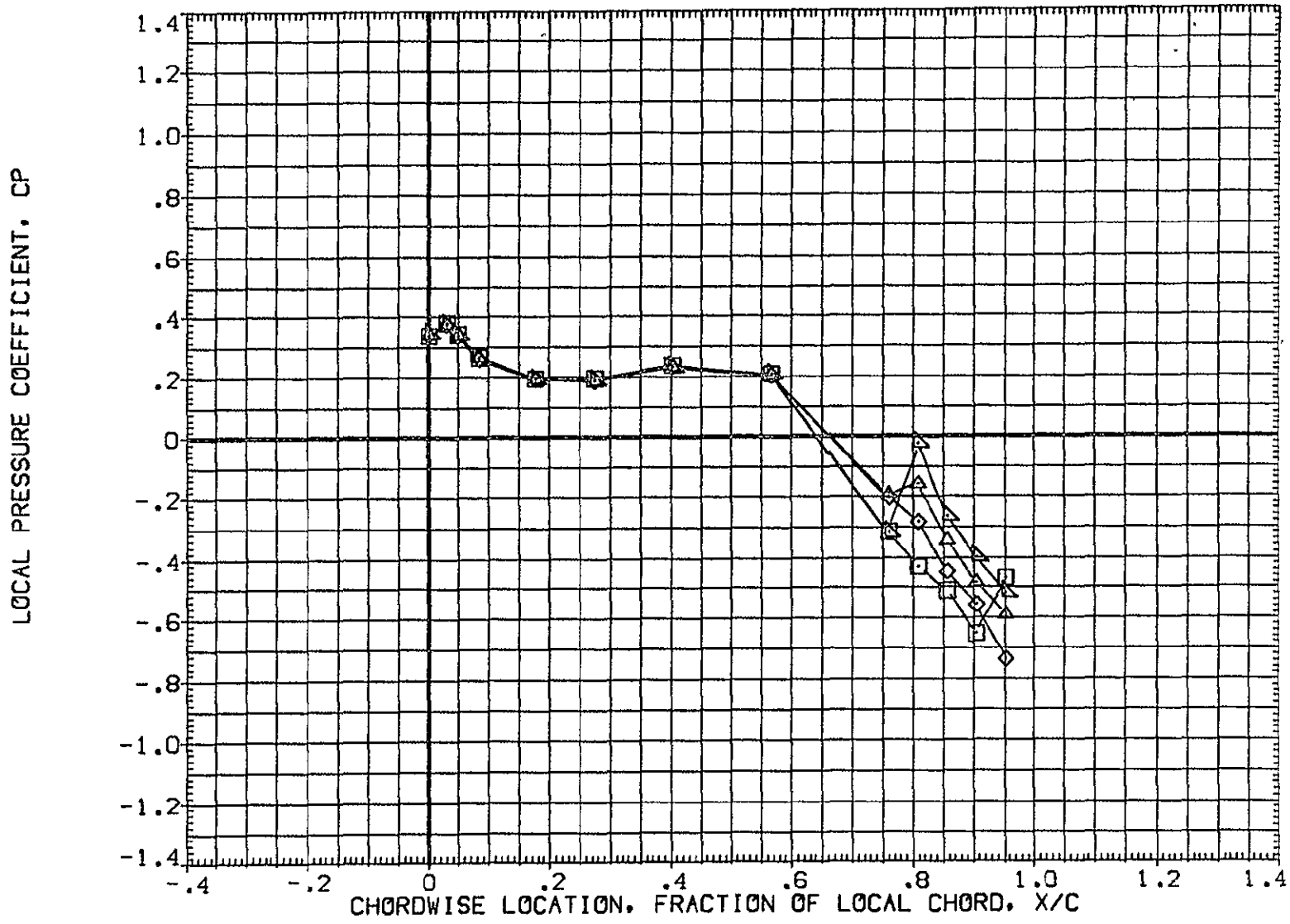

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

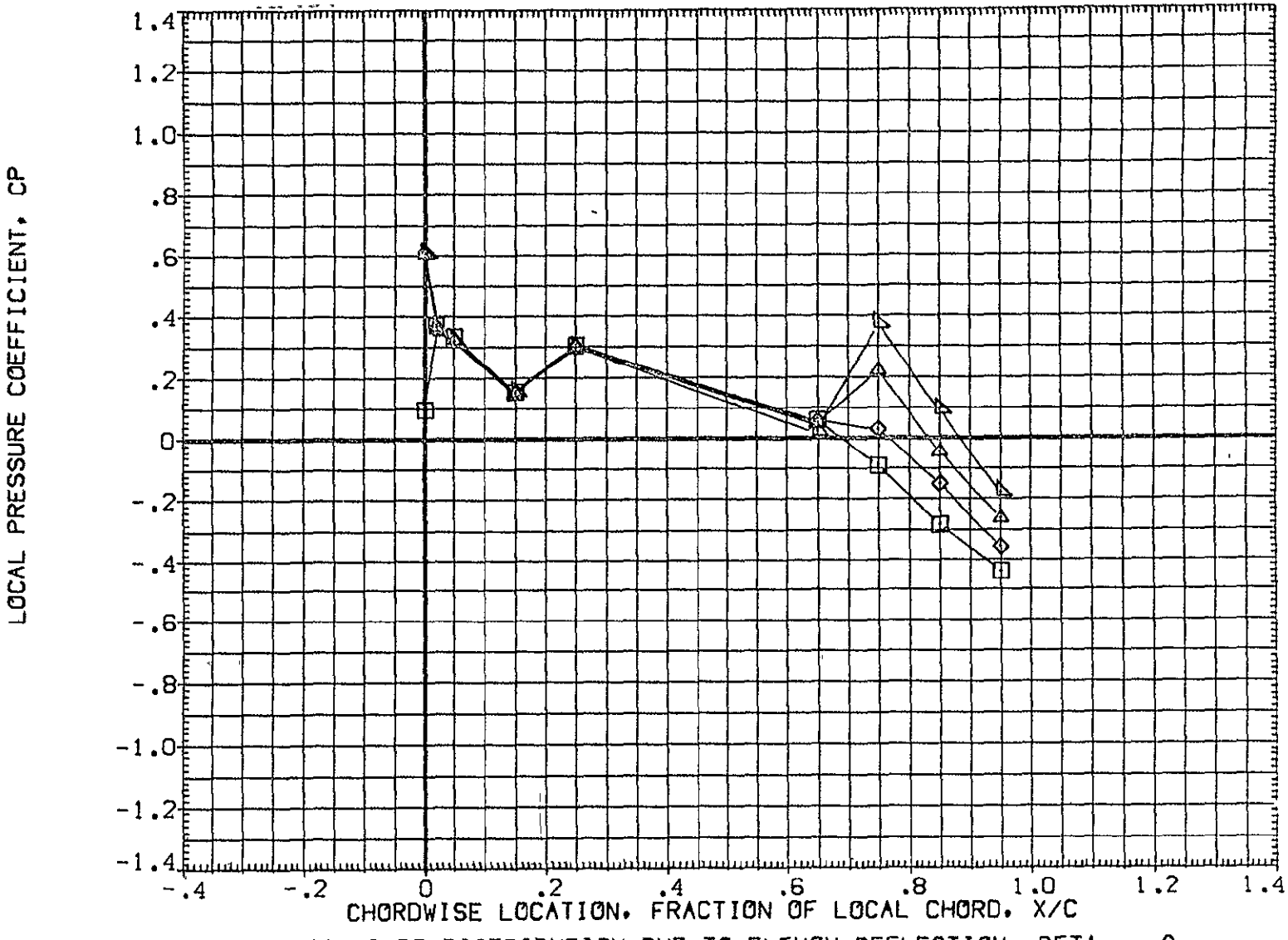

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

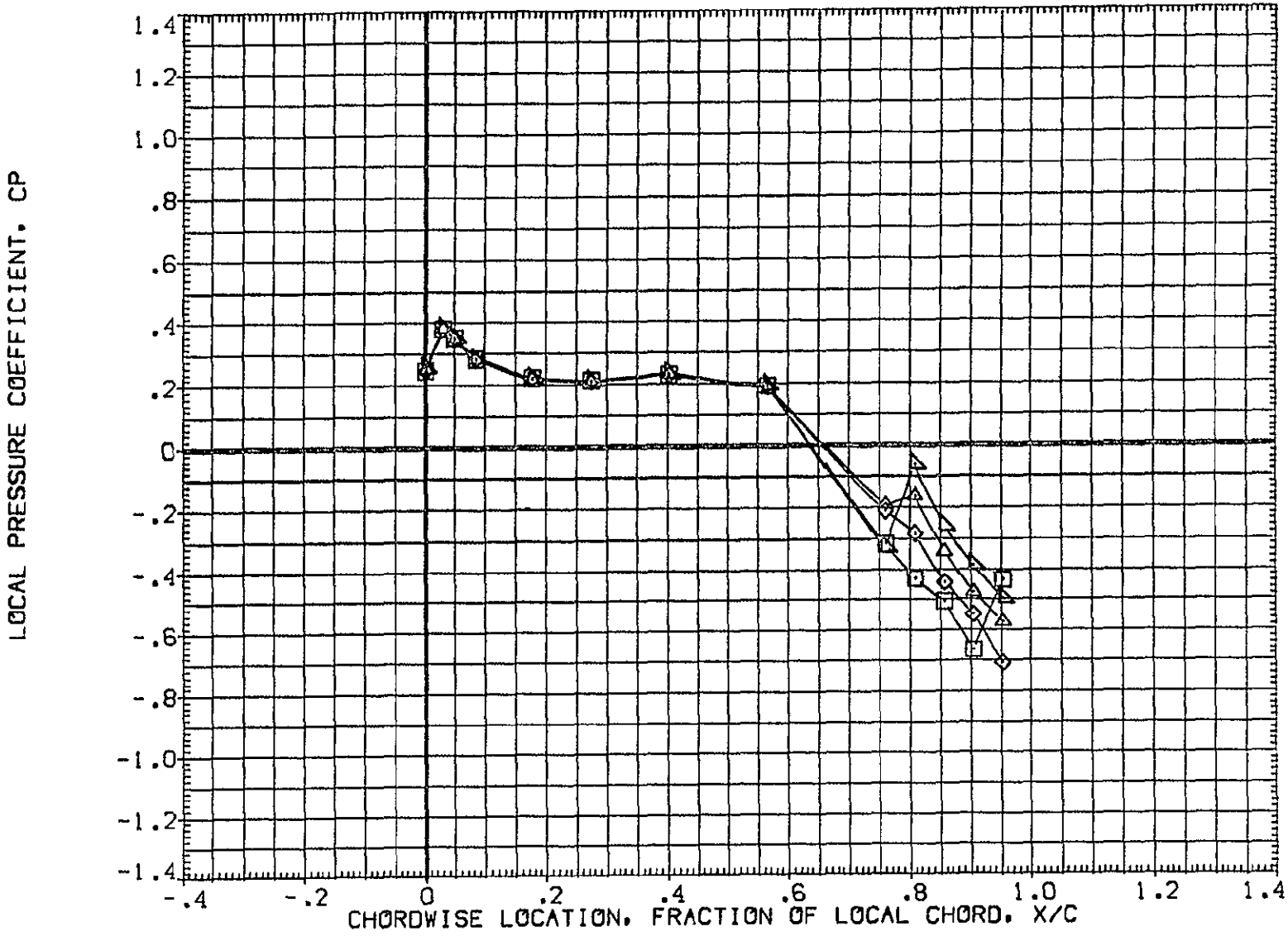

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

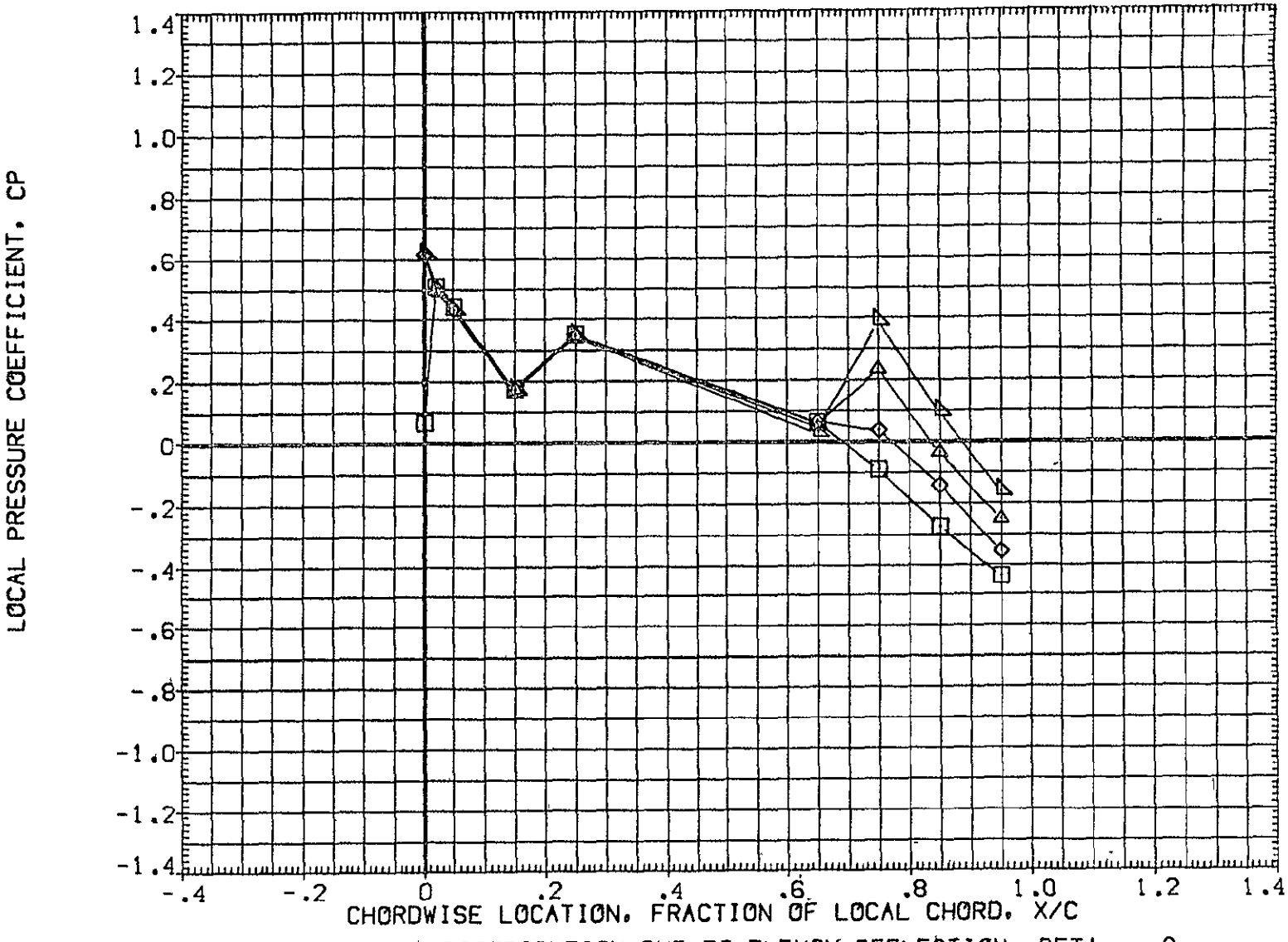

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

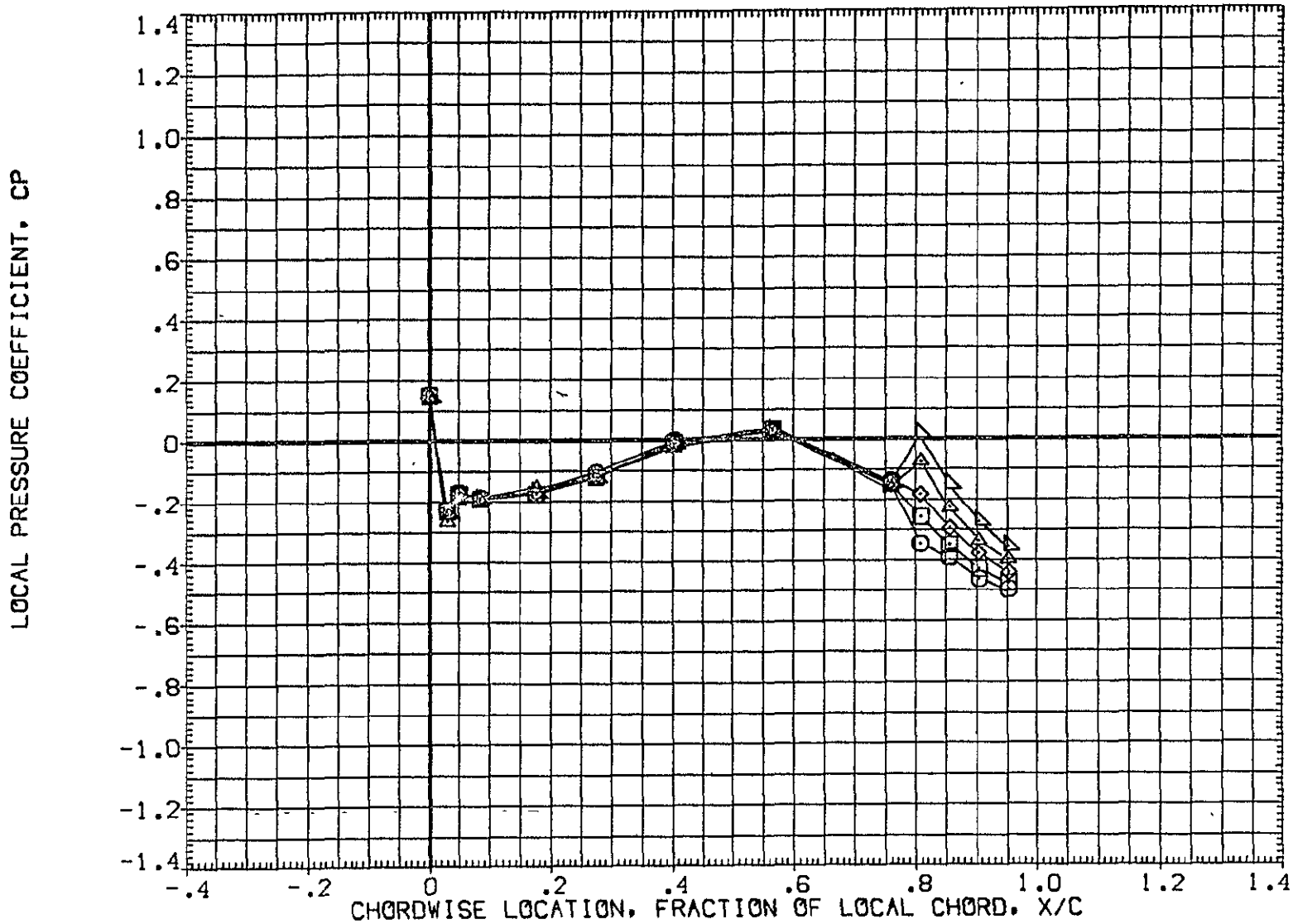

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 R2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

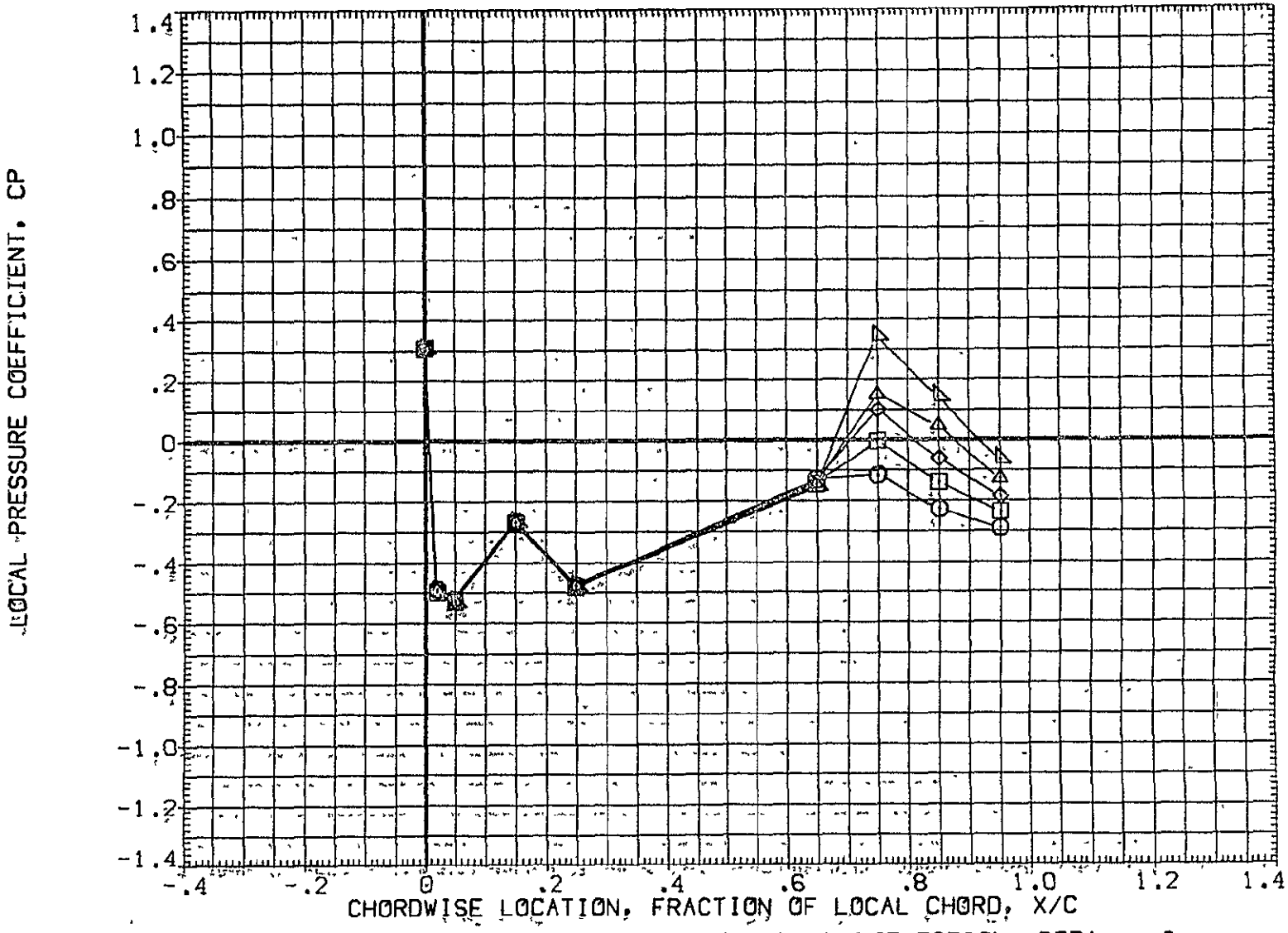

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▷	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

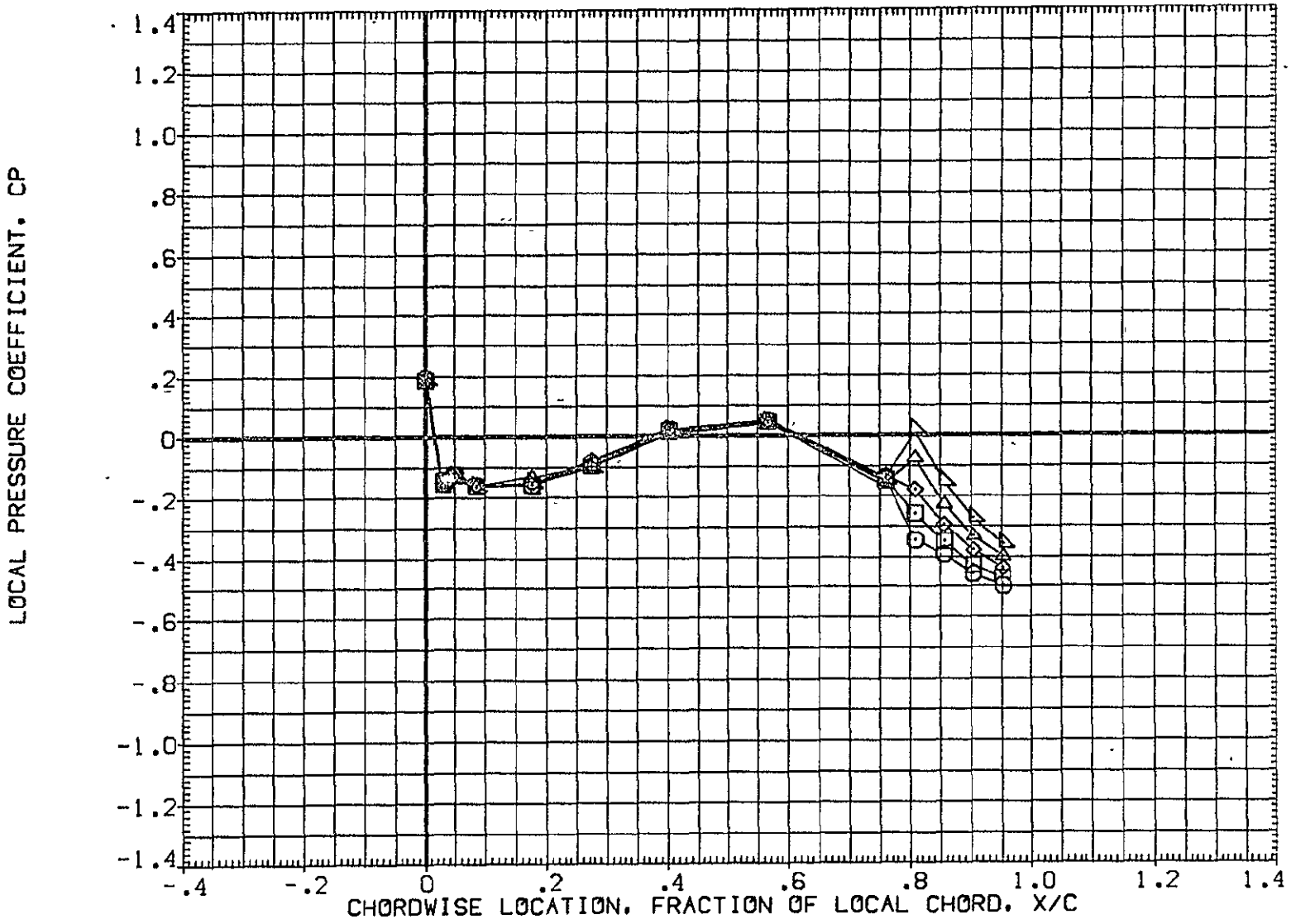

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

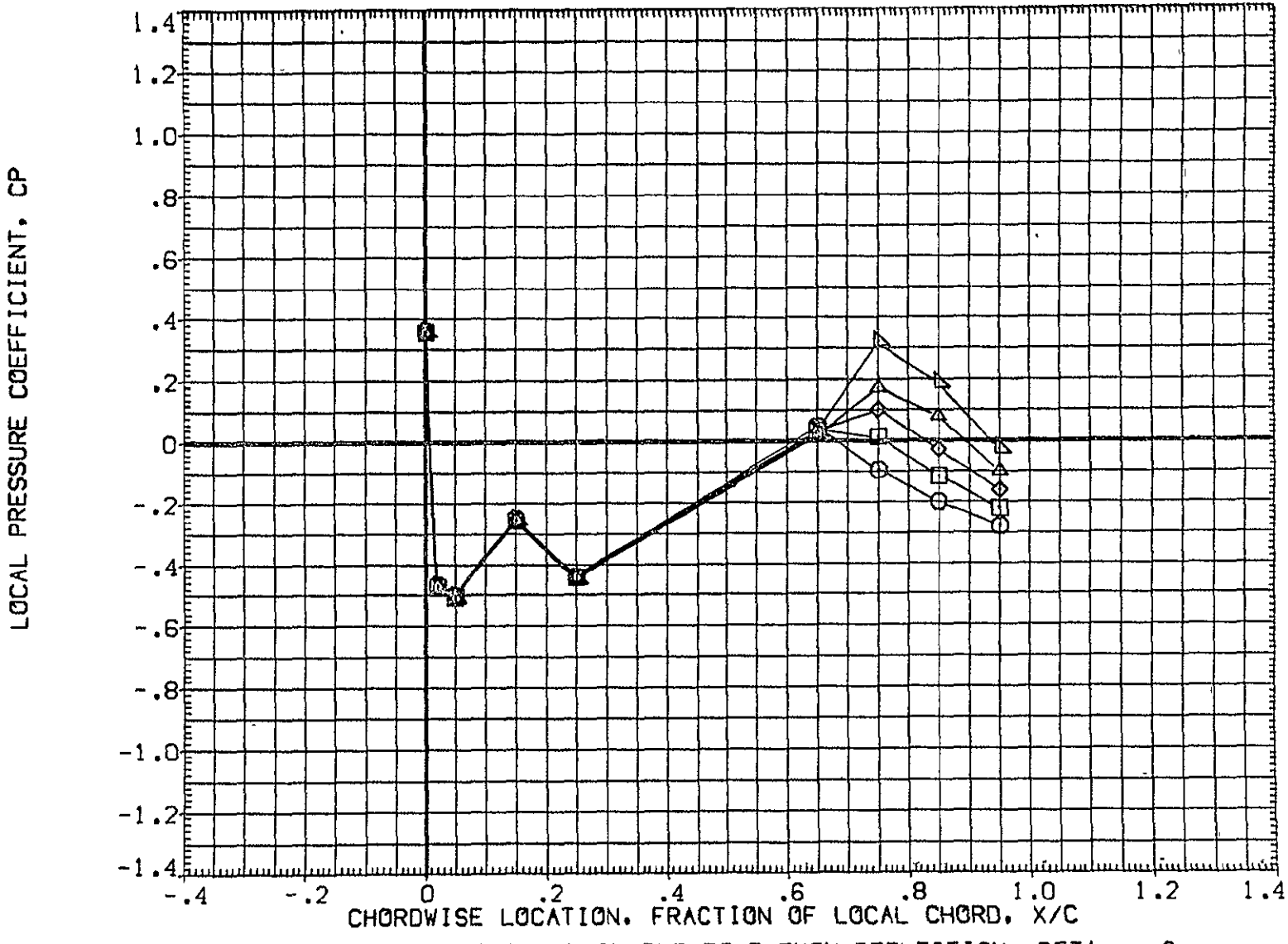

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

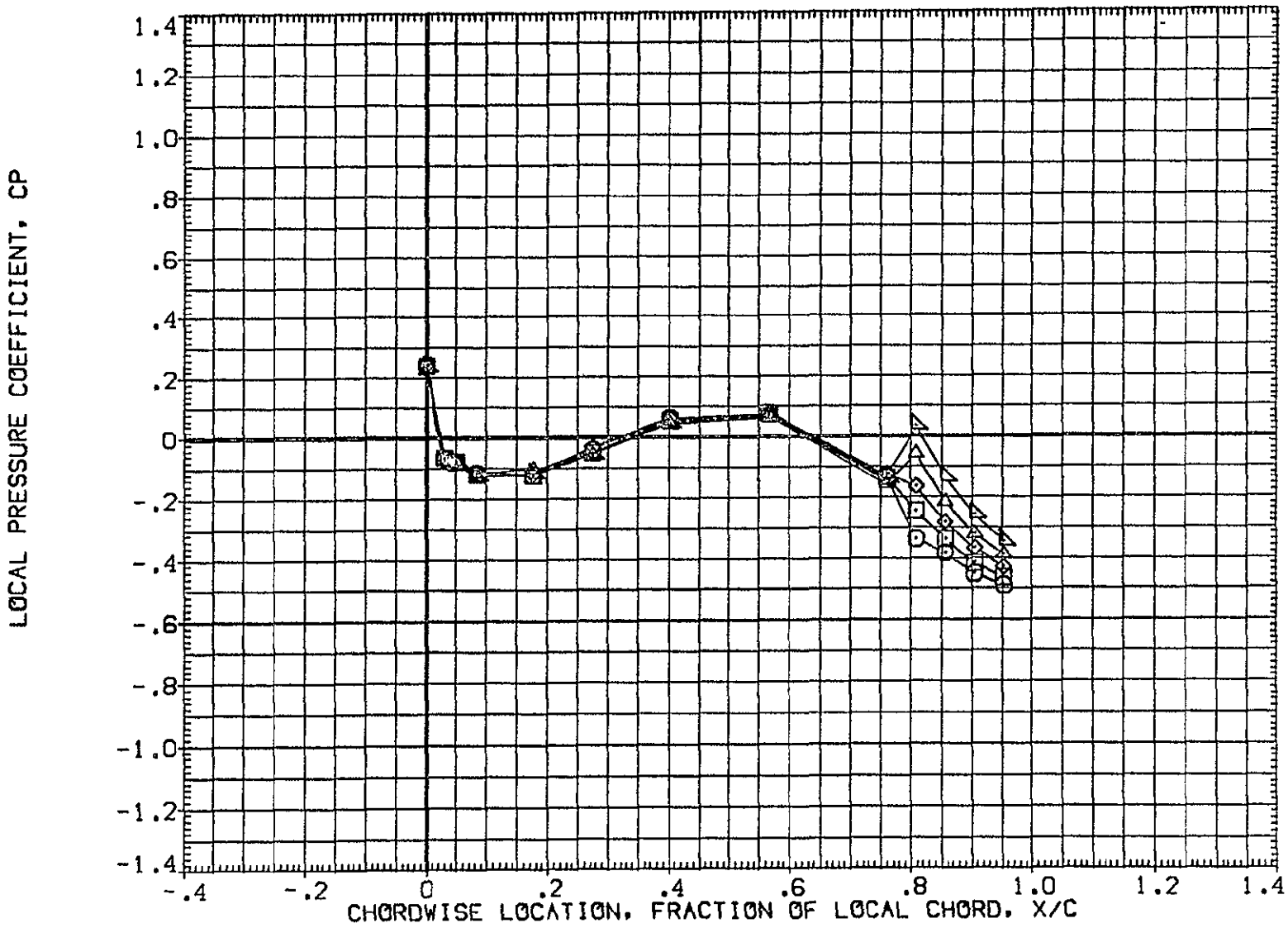

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▷	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

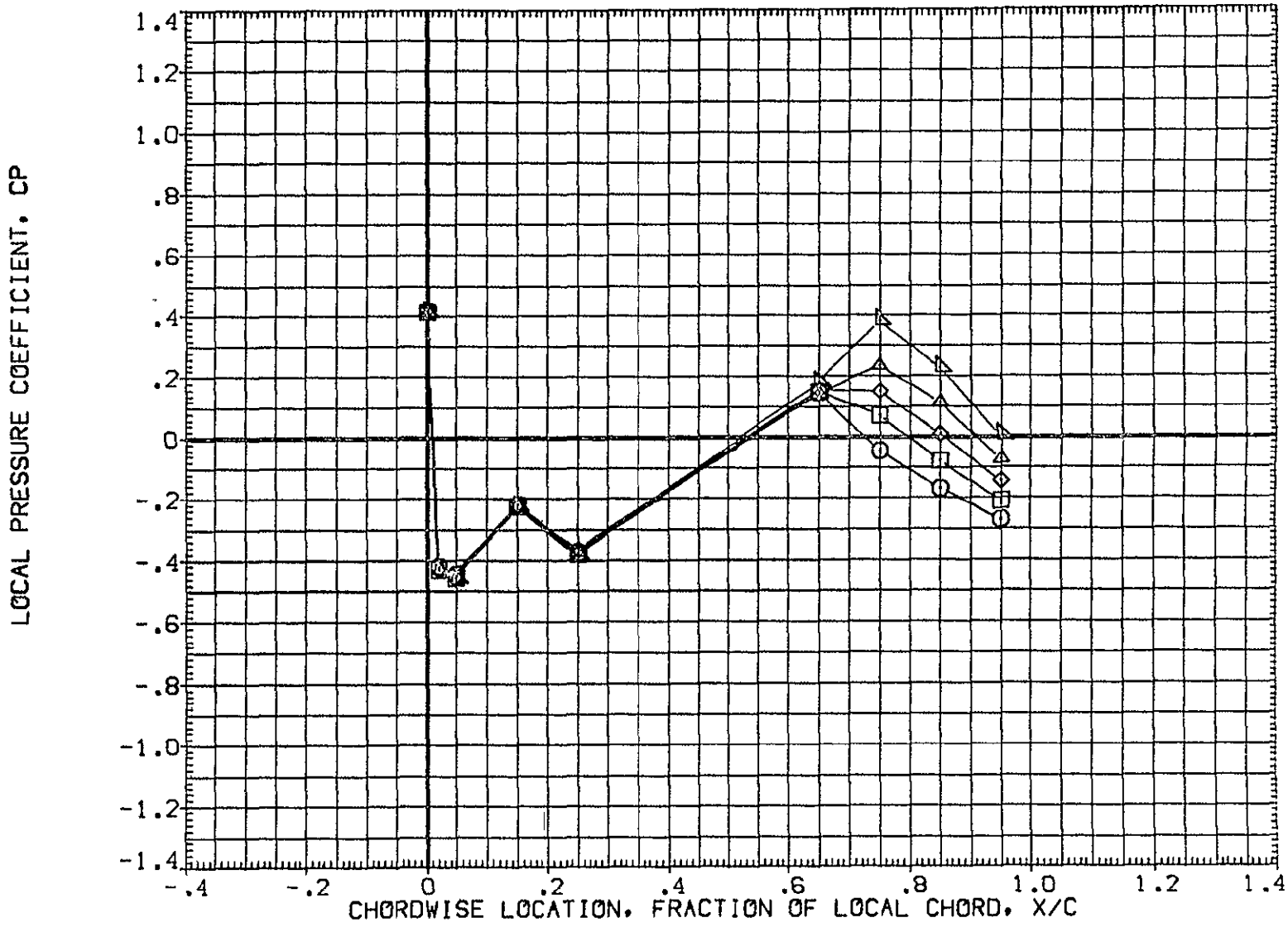

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	⏢	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

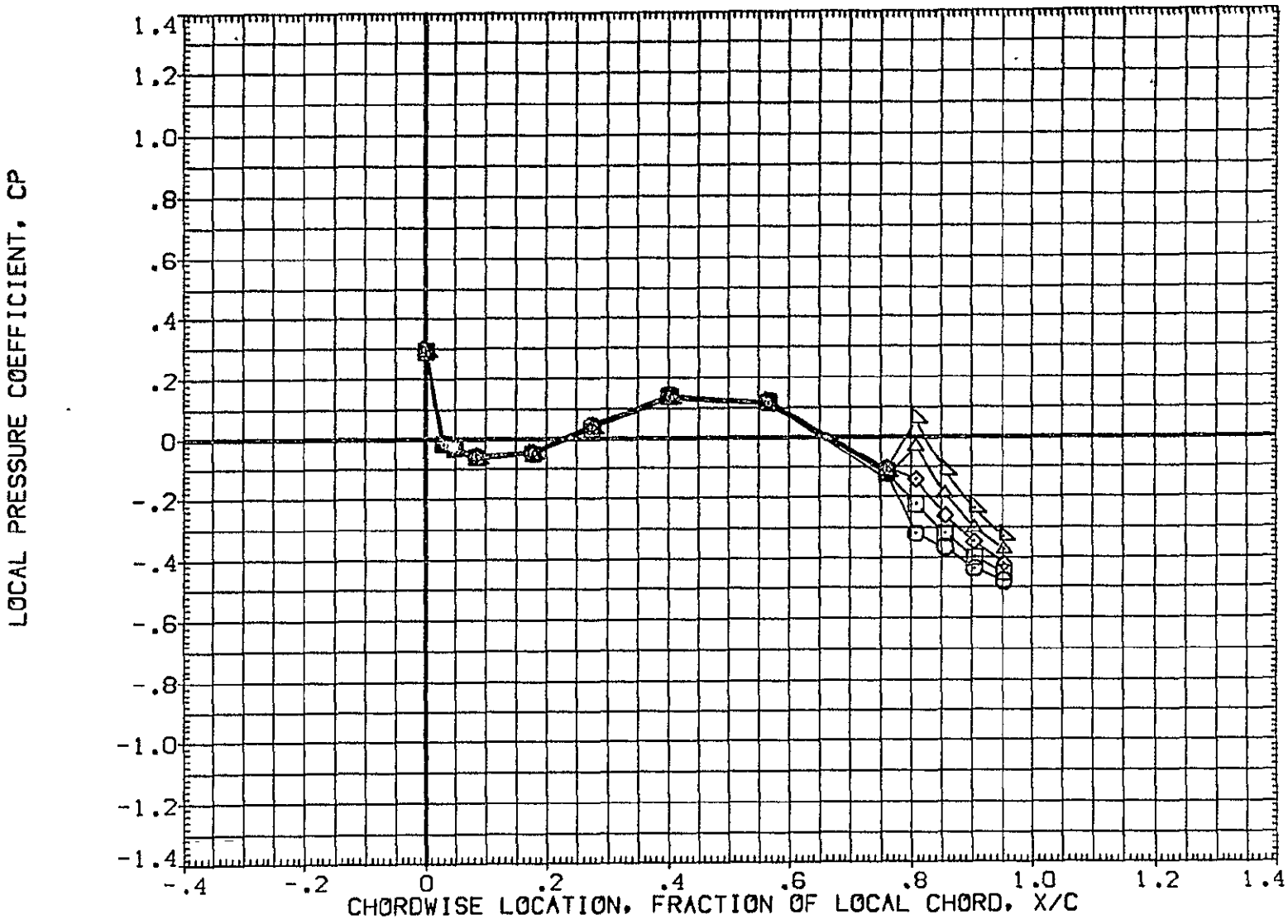

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

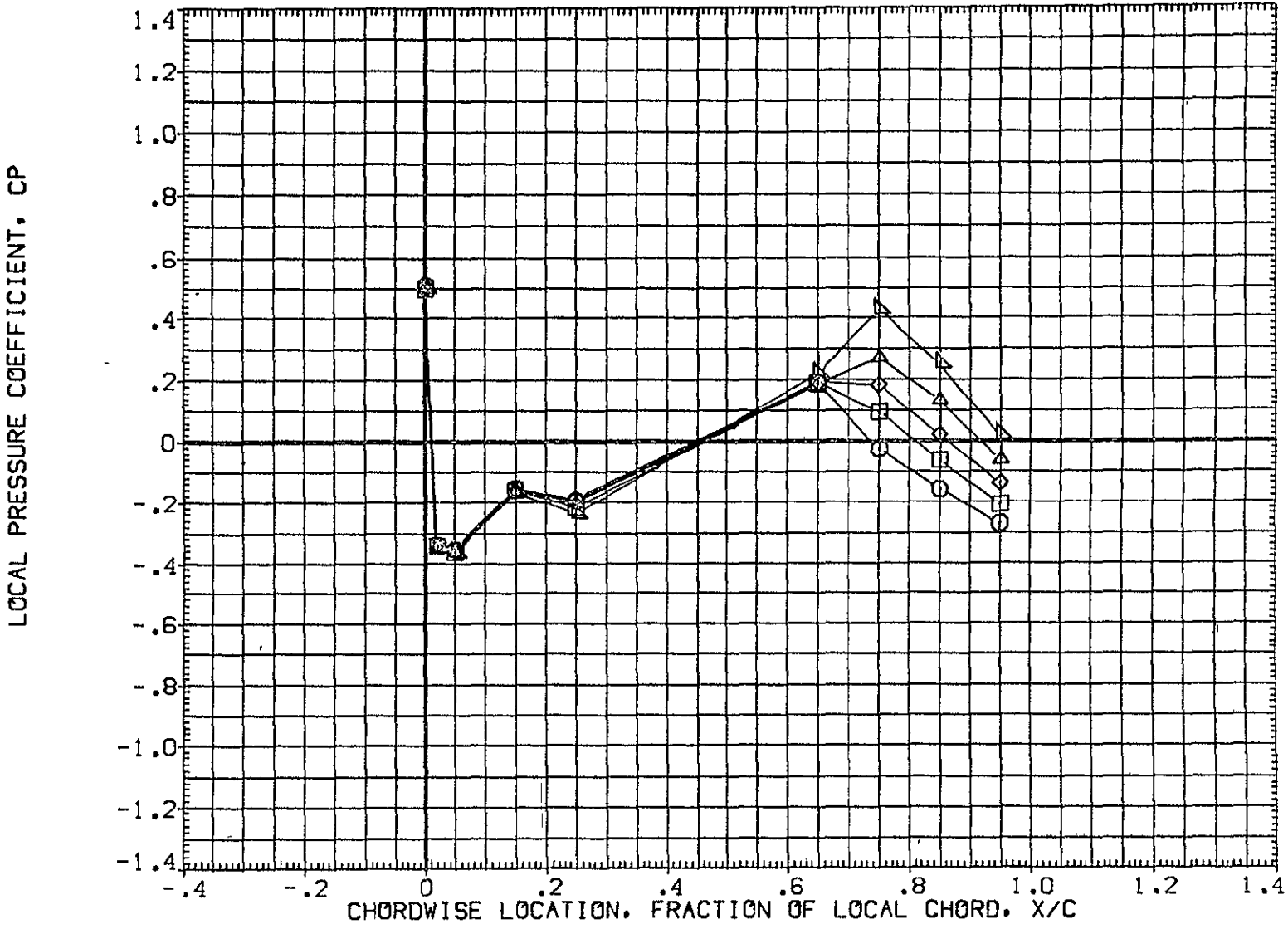

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▽	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

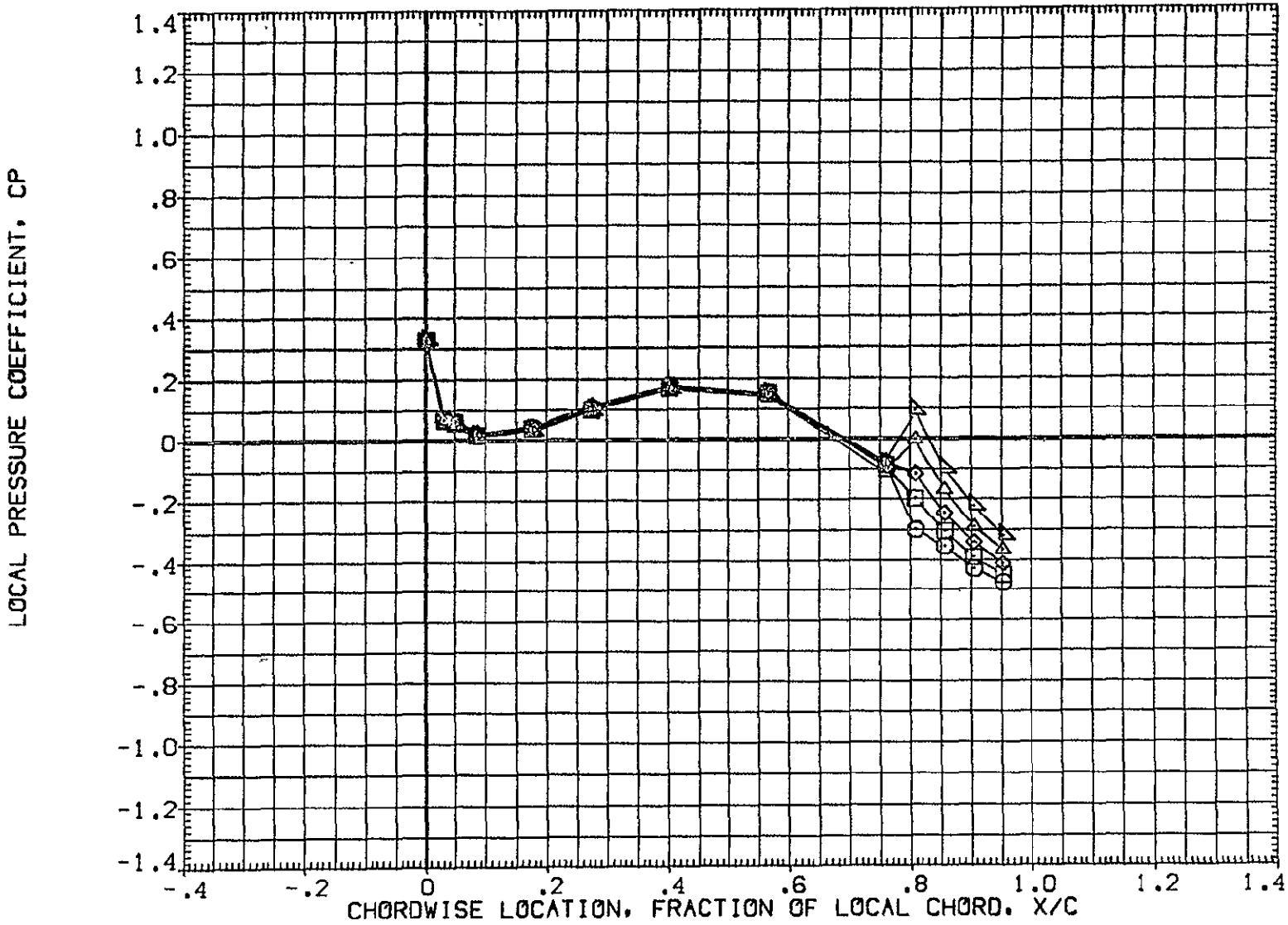

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⊠	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

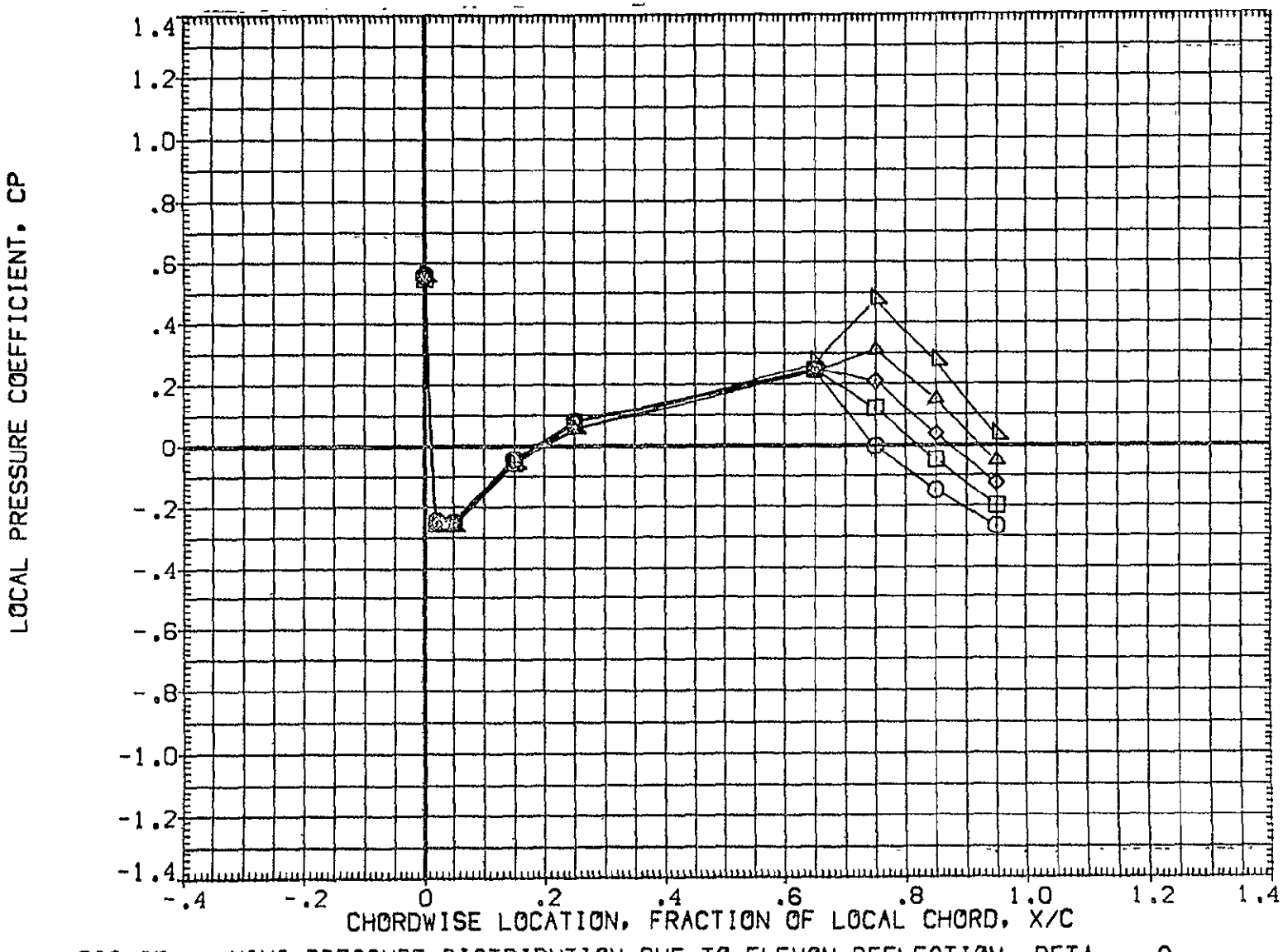

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

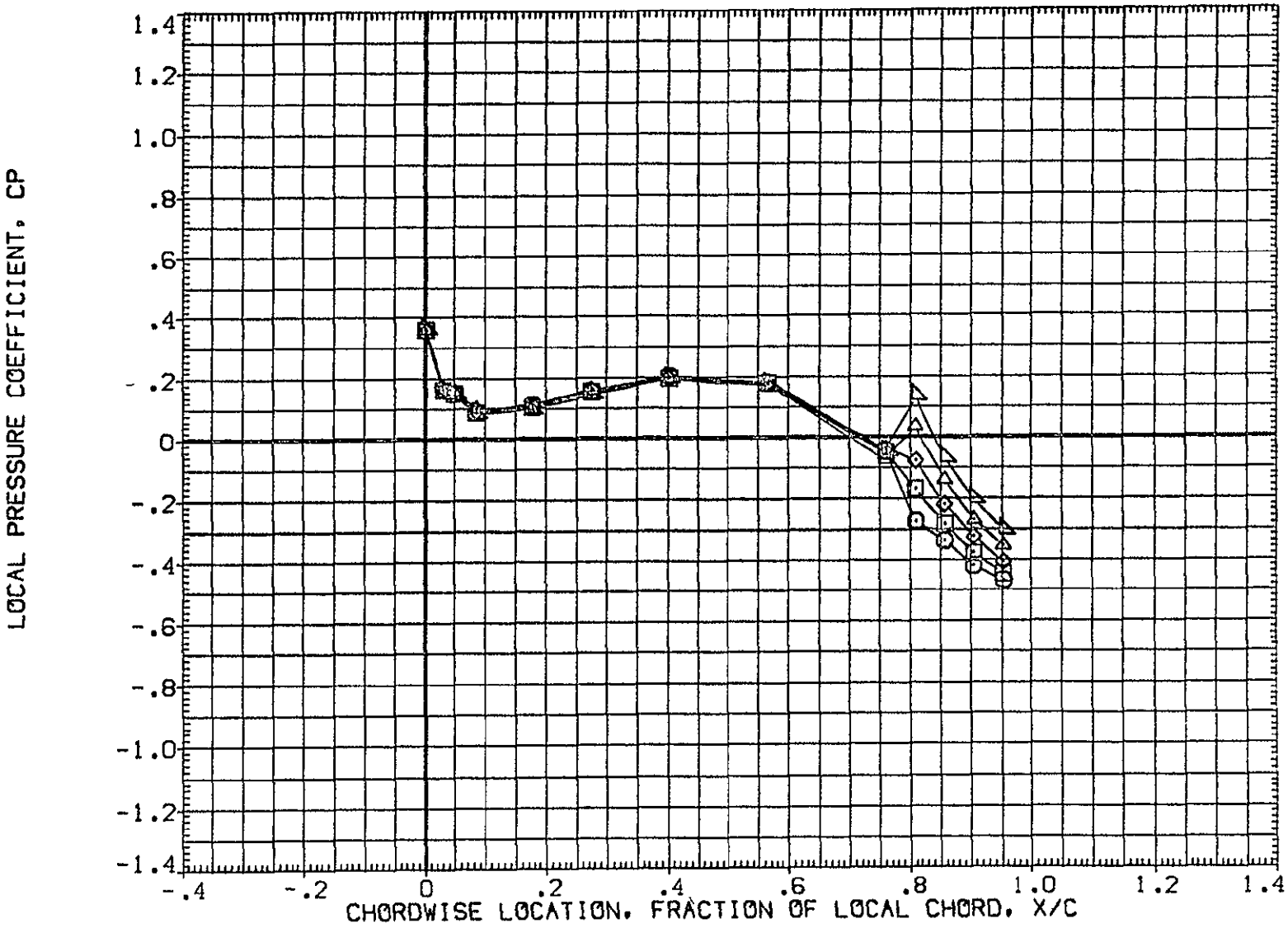

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◺	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

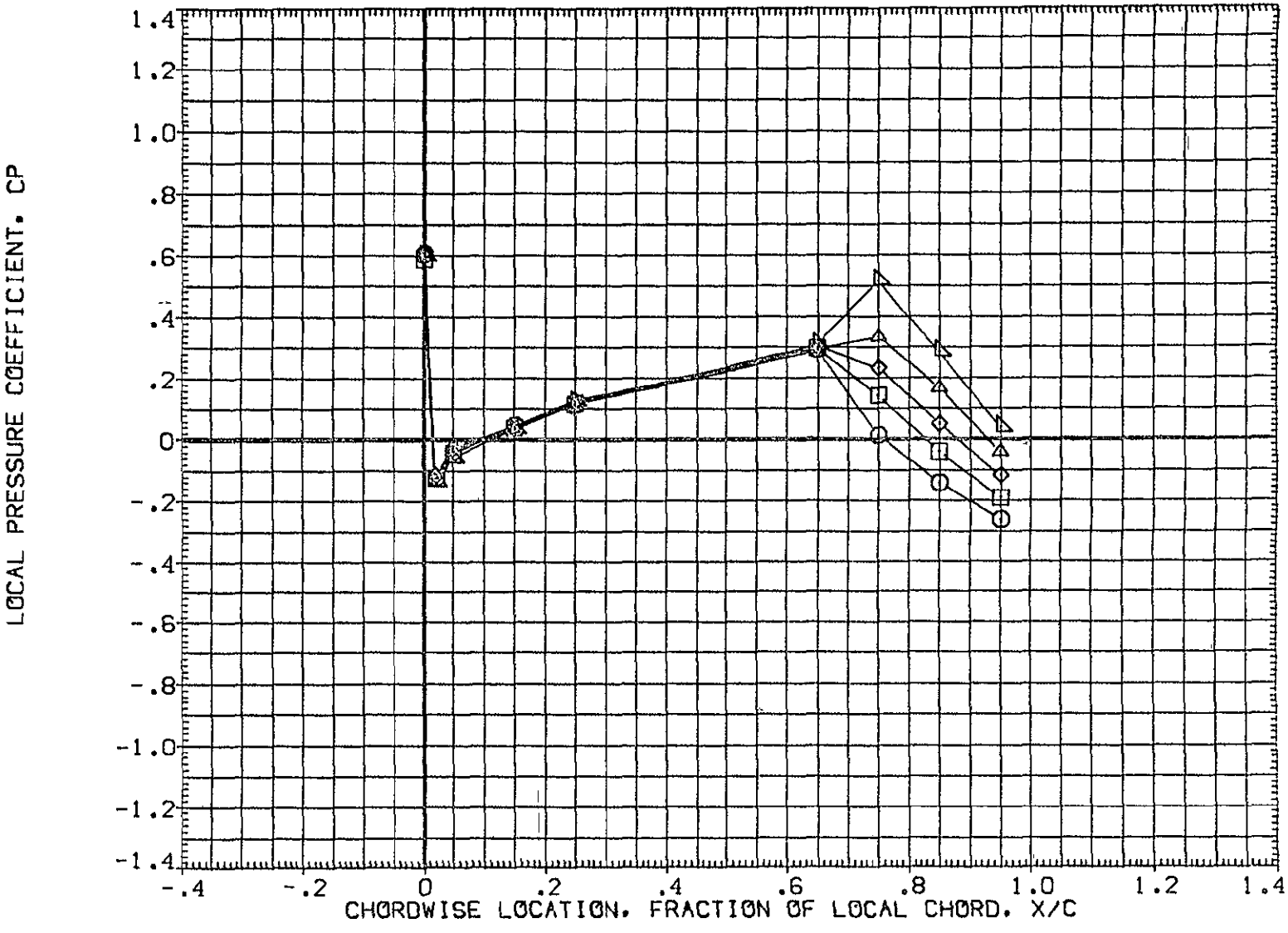

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

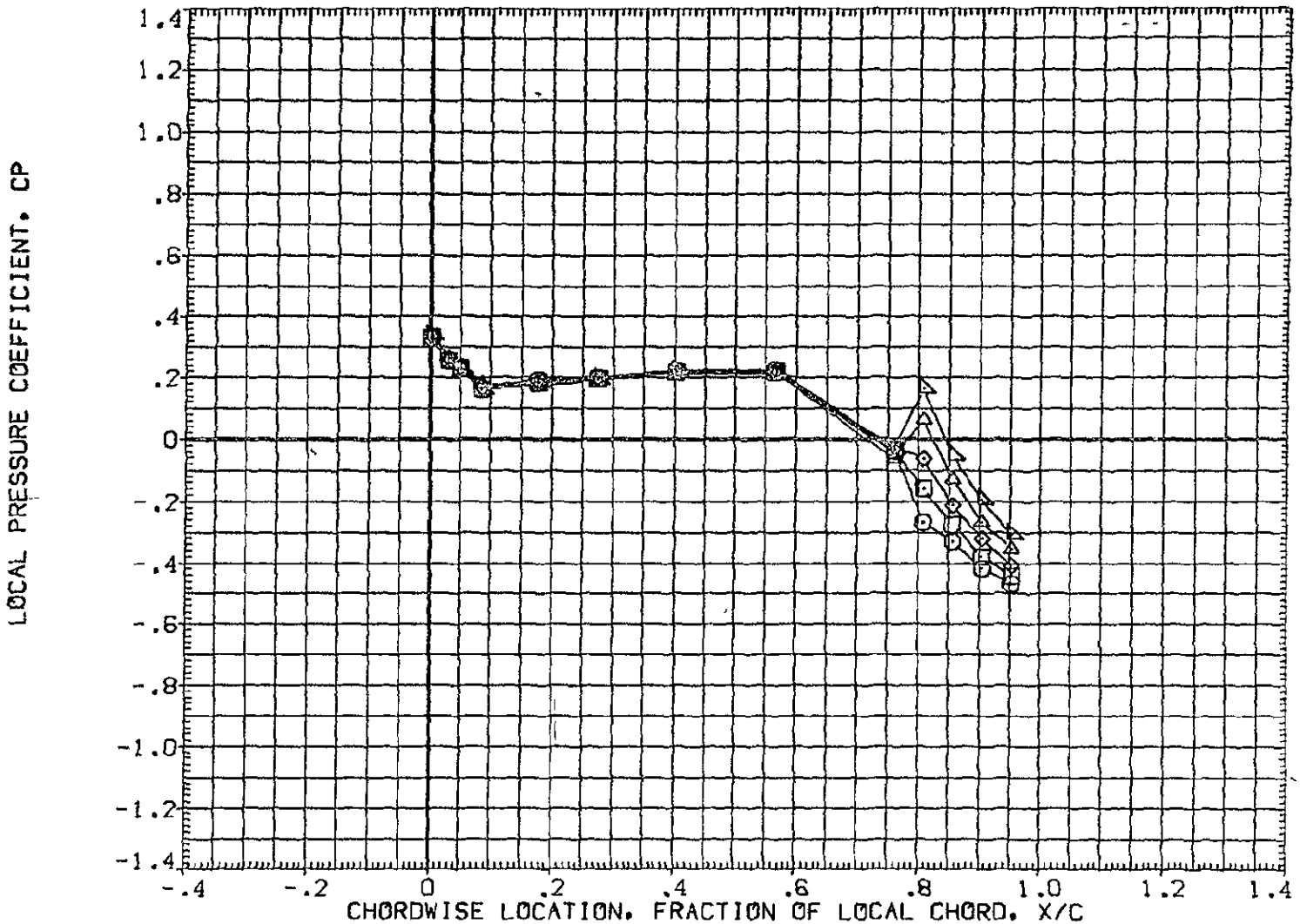

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◁	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

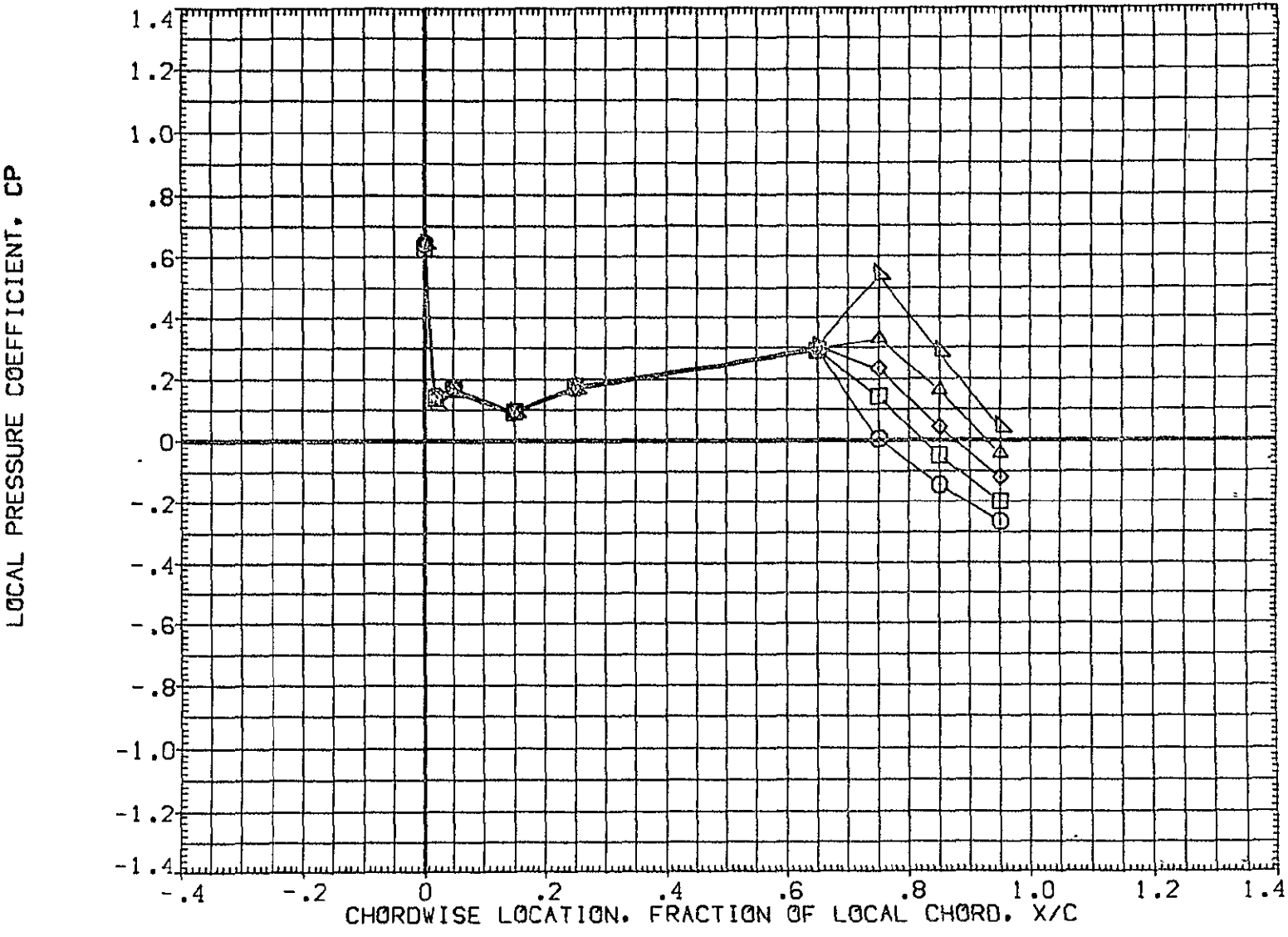

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	□	IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	◇	IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	⊠	IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	◁	IA70 G1 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

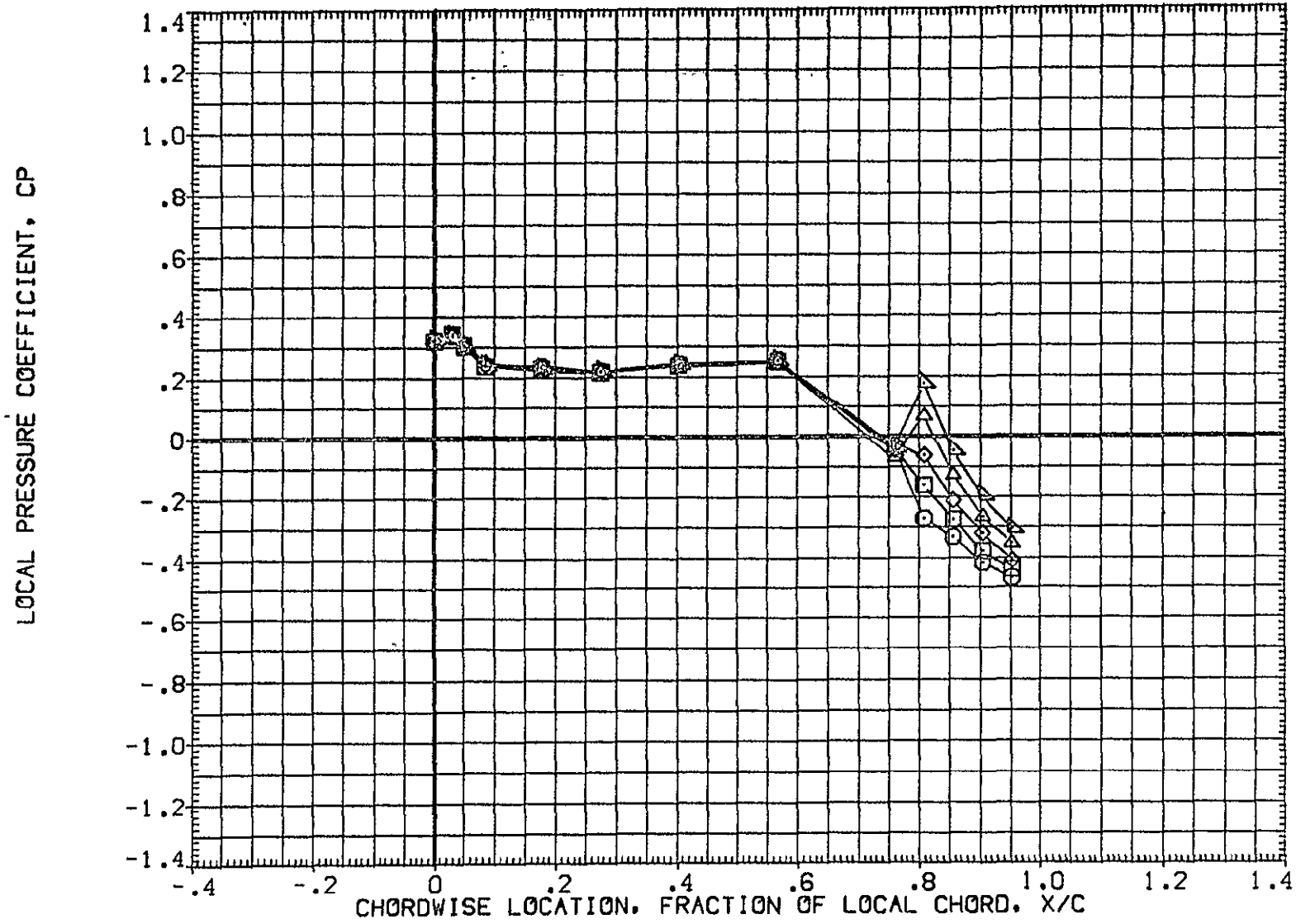

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE		-4.000	.000	-4.000	-4.000
(AF7L45)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L50)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L55)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L60)	⊿	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

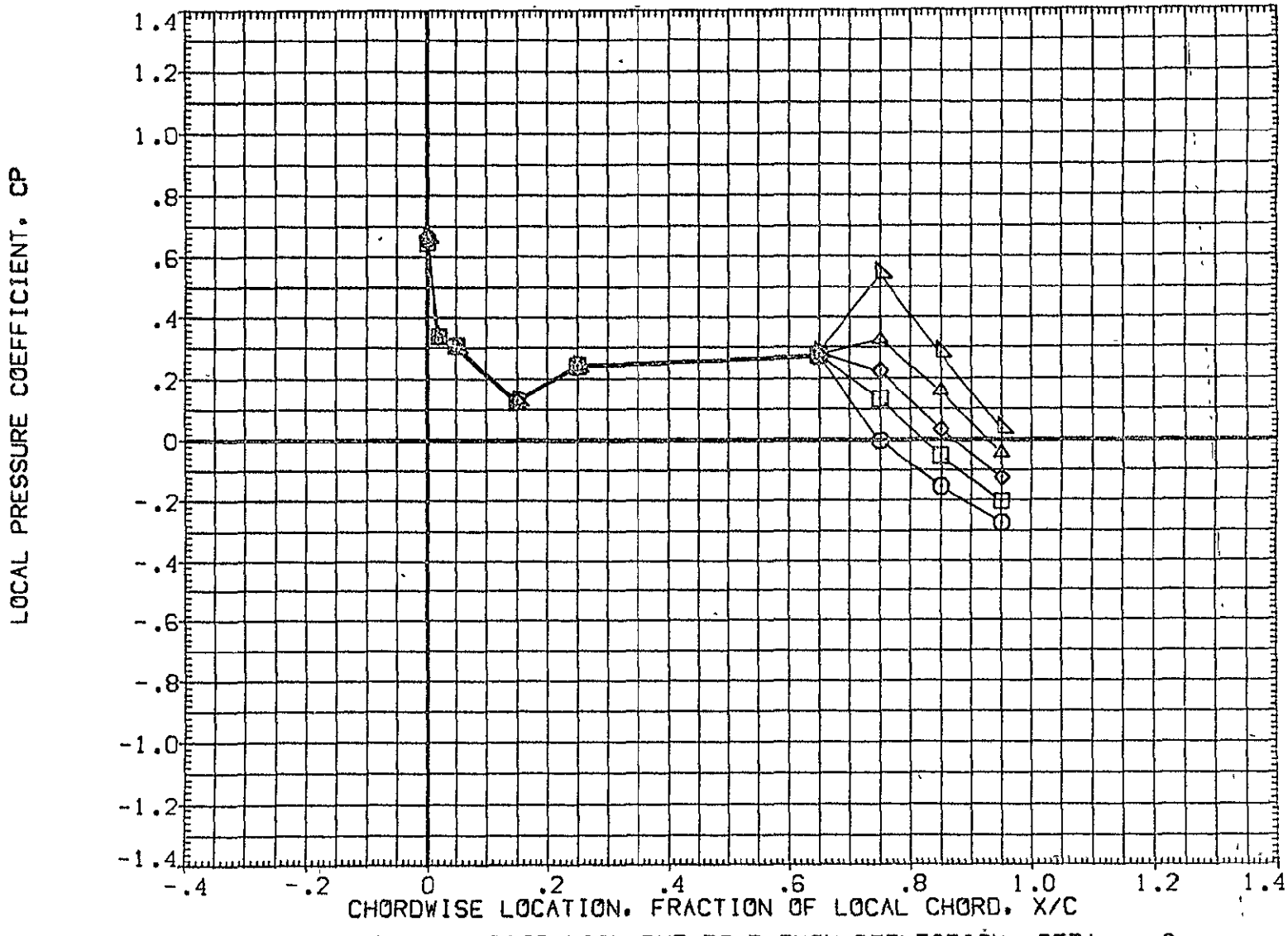

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

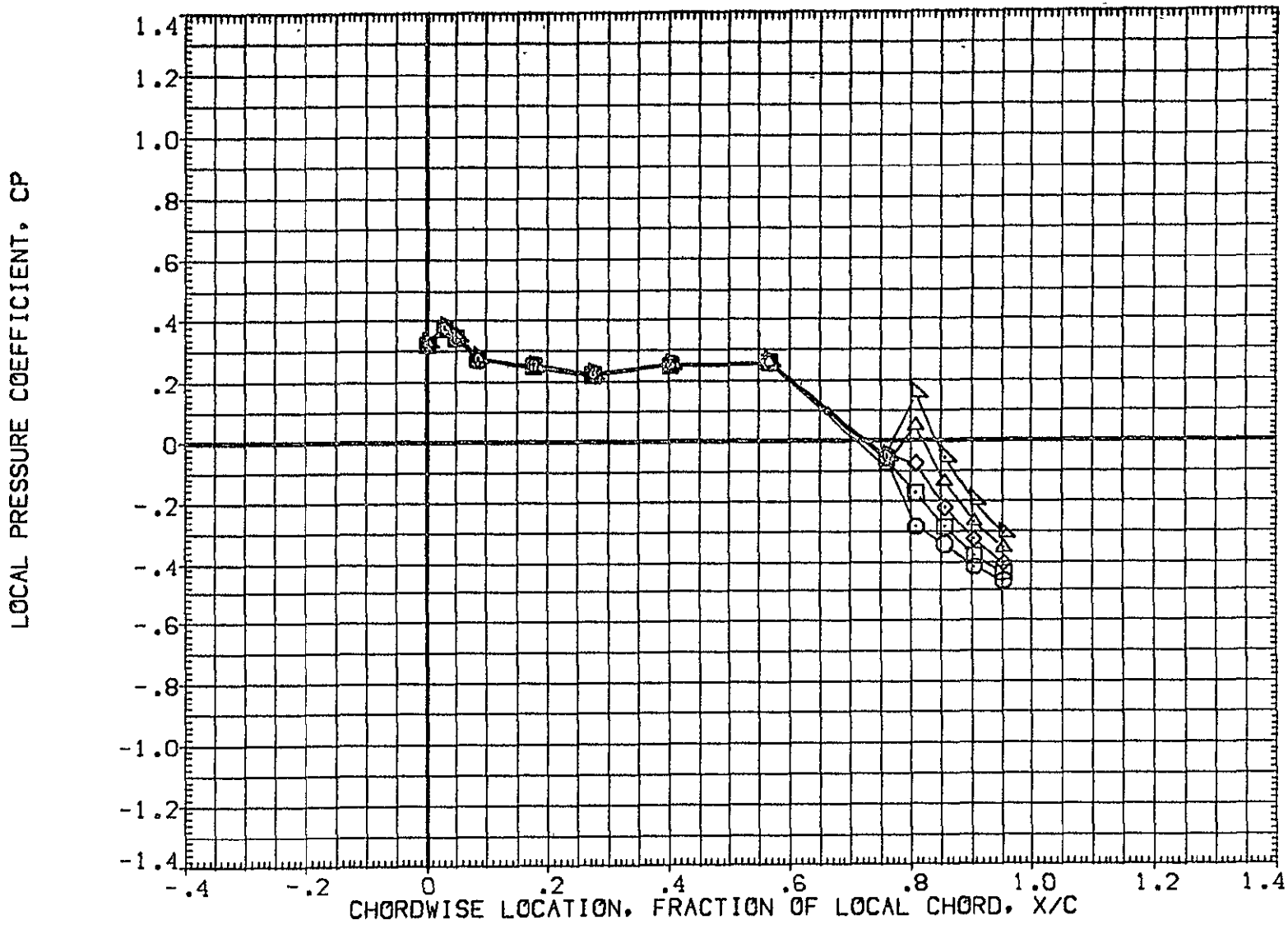

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

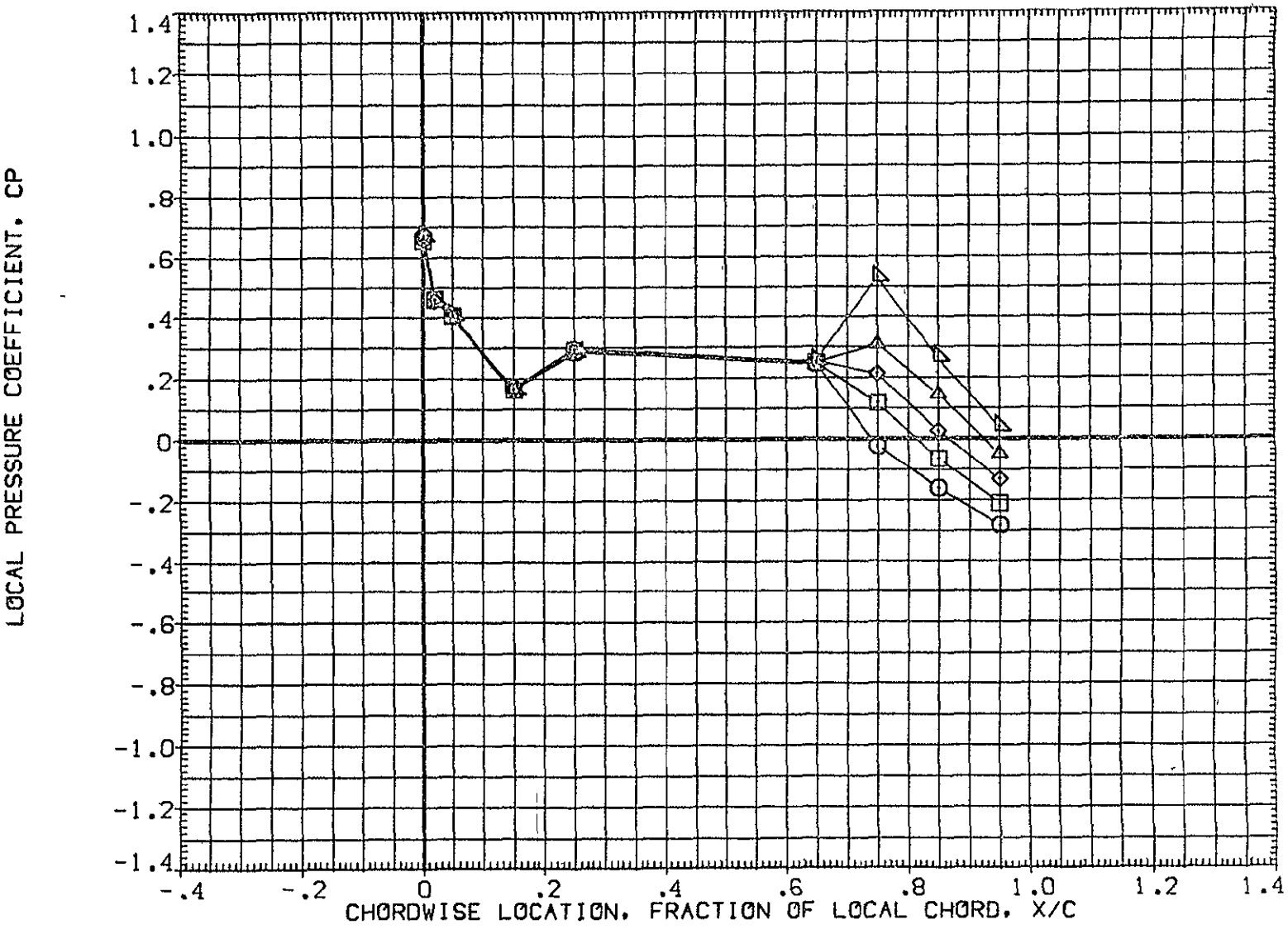

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7045)		1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

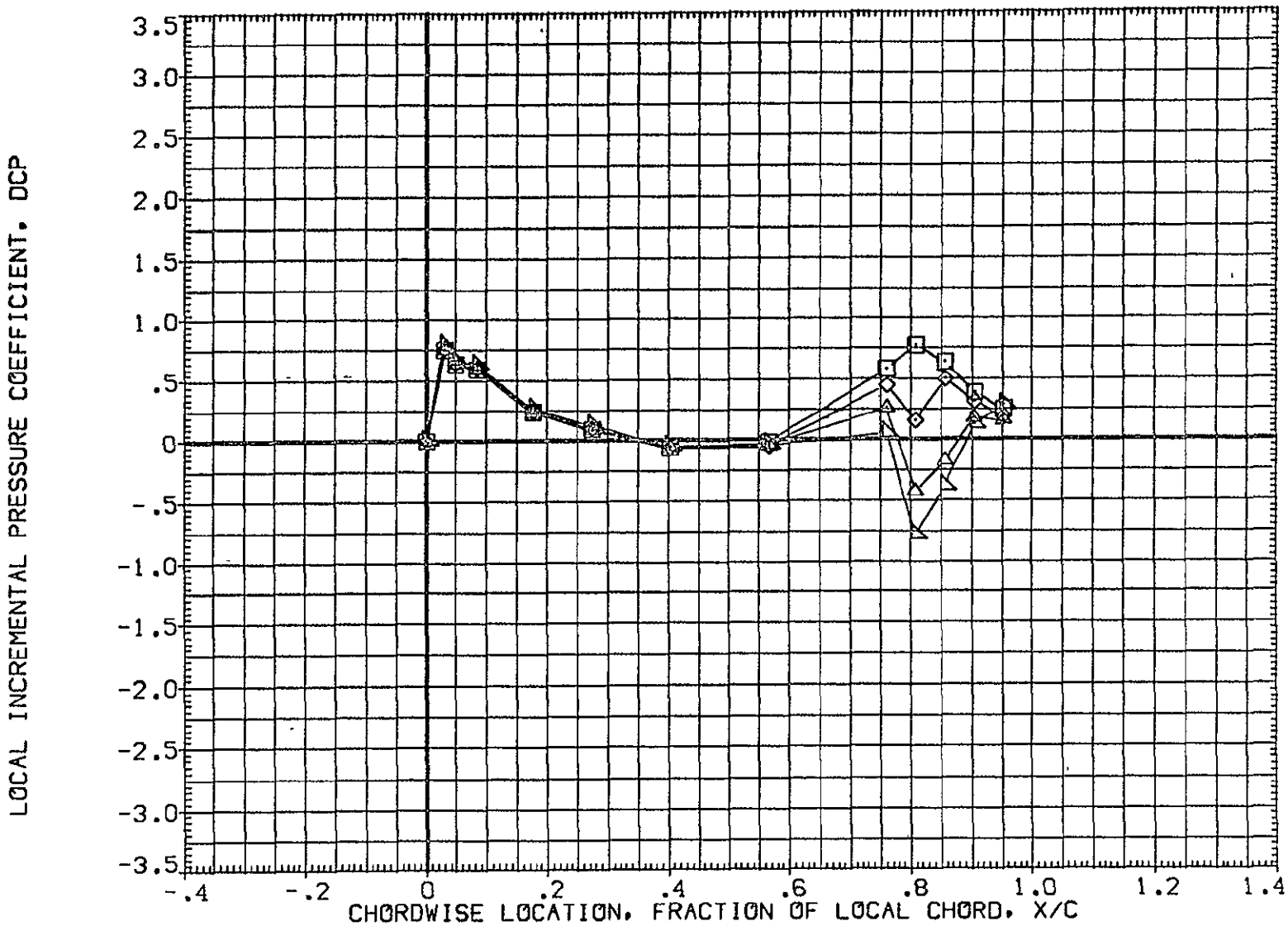

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

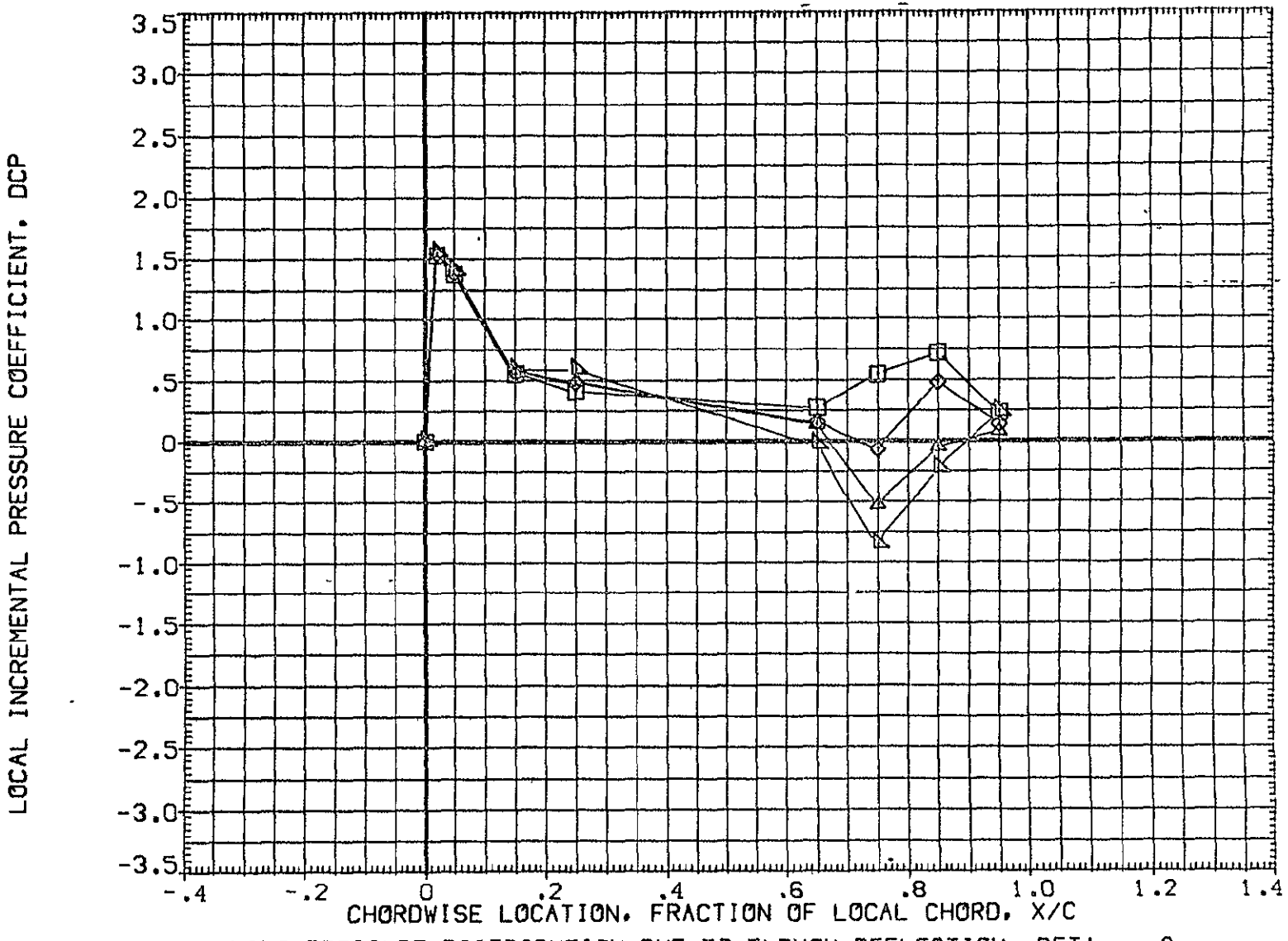

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

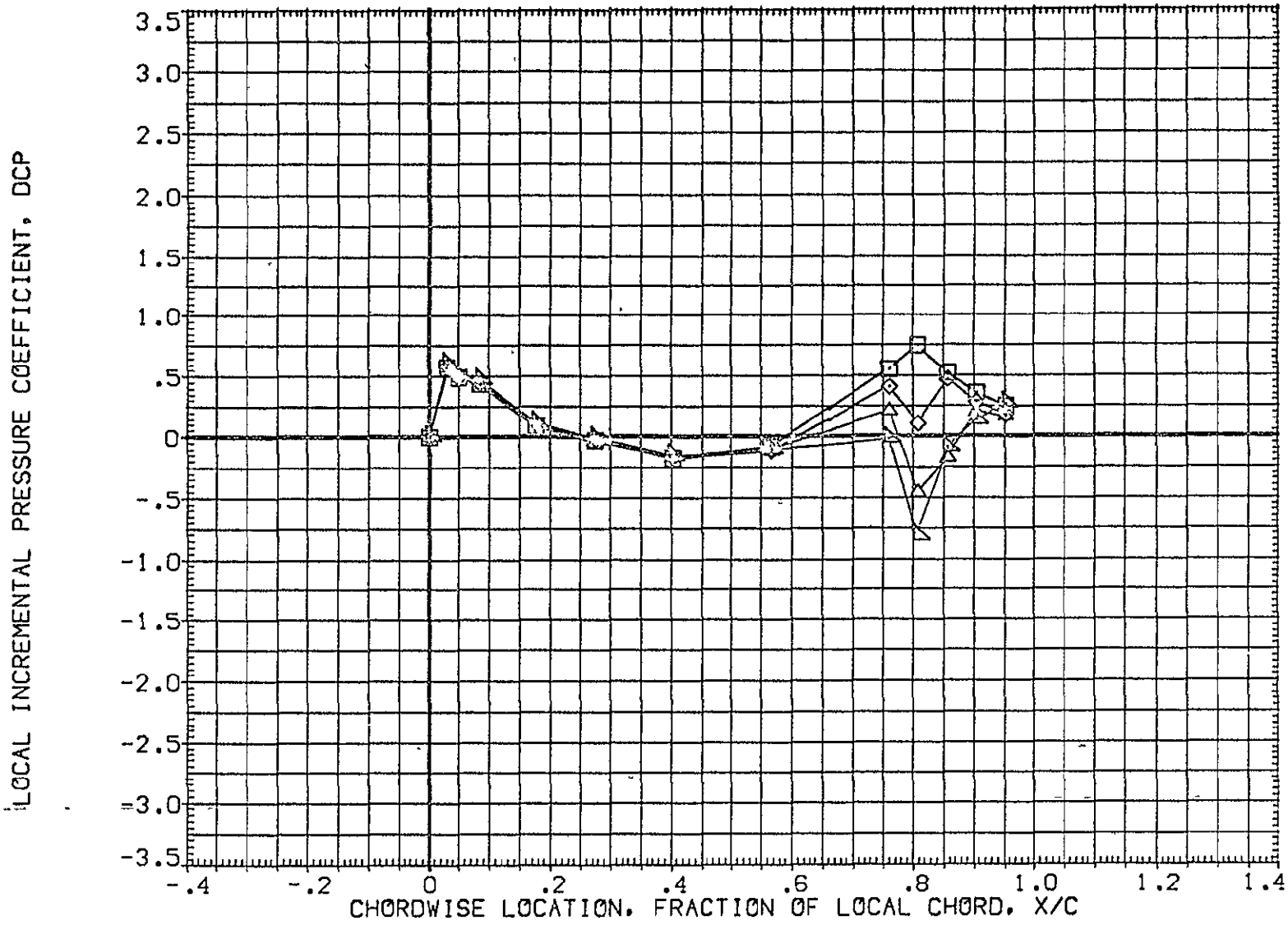

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

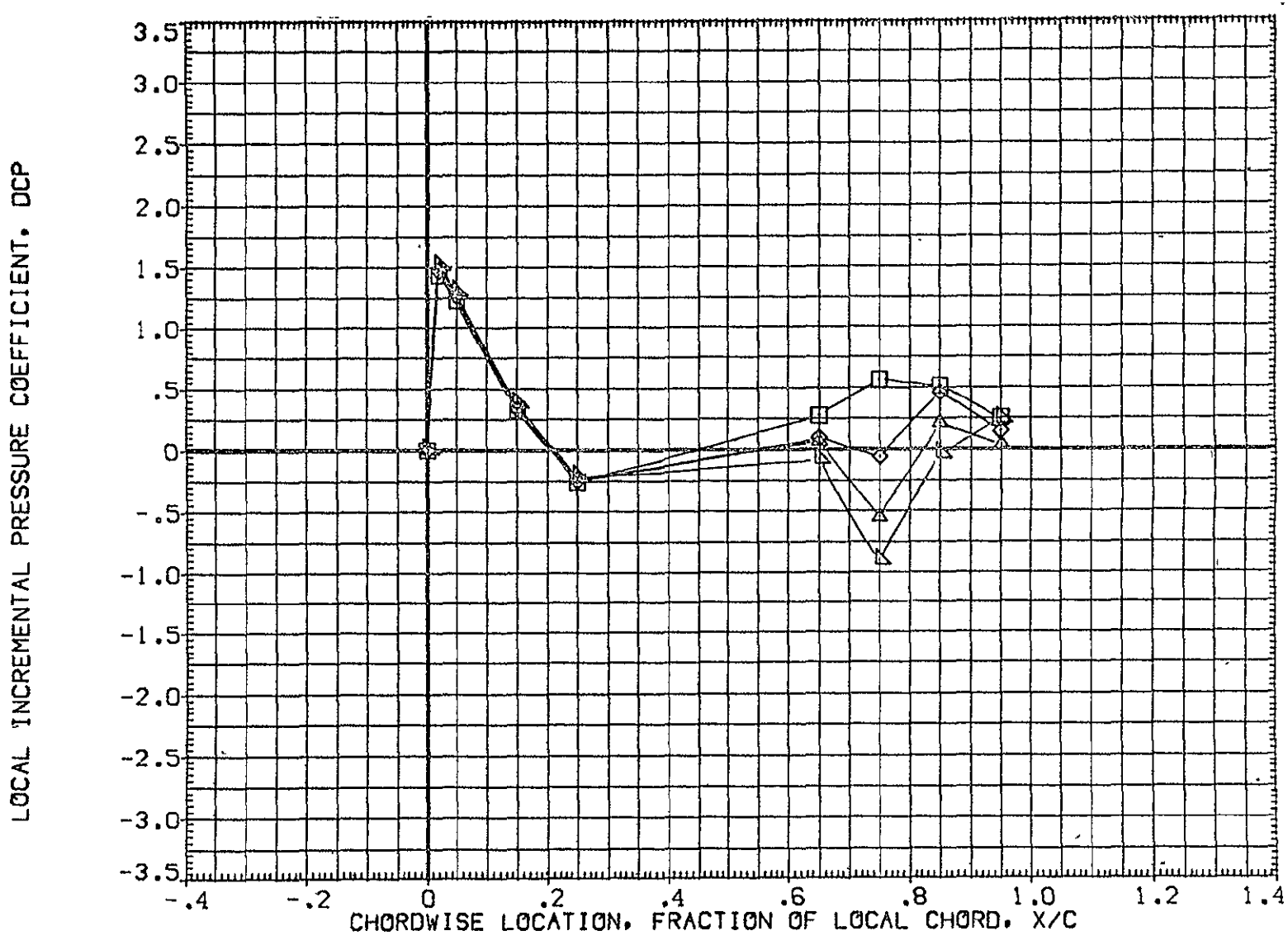

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

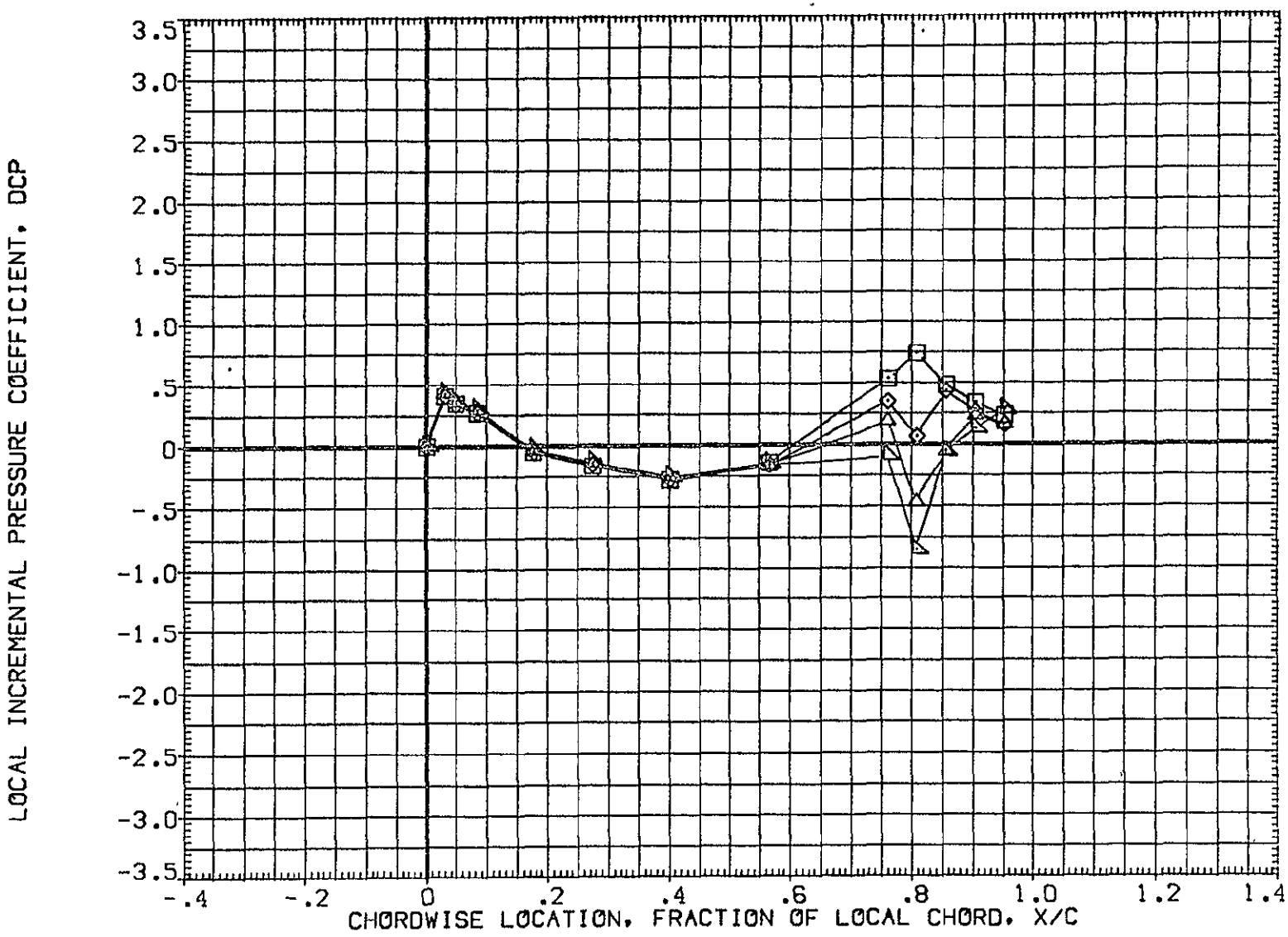

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

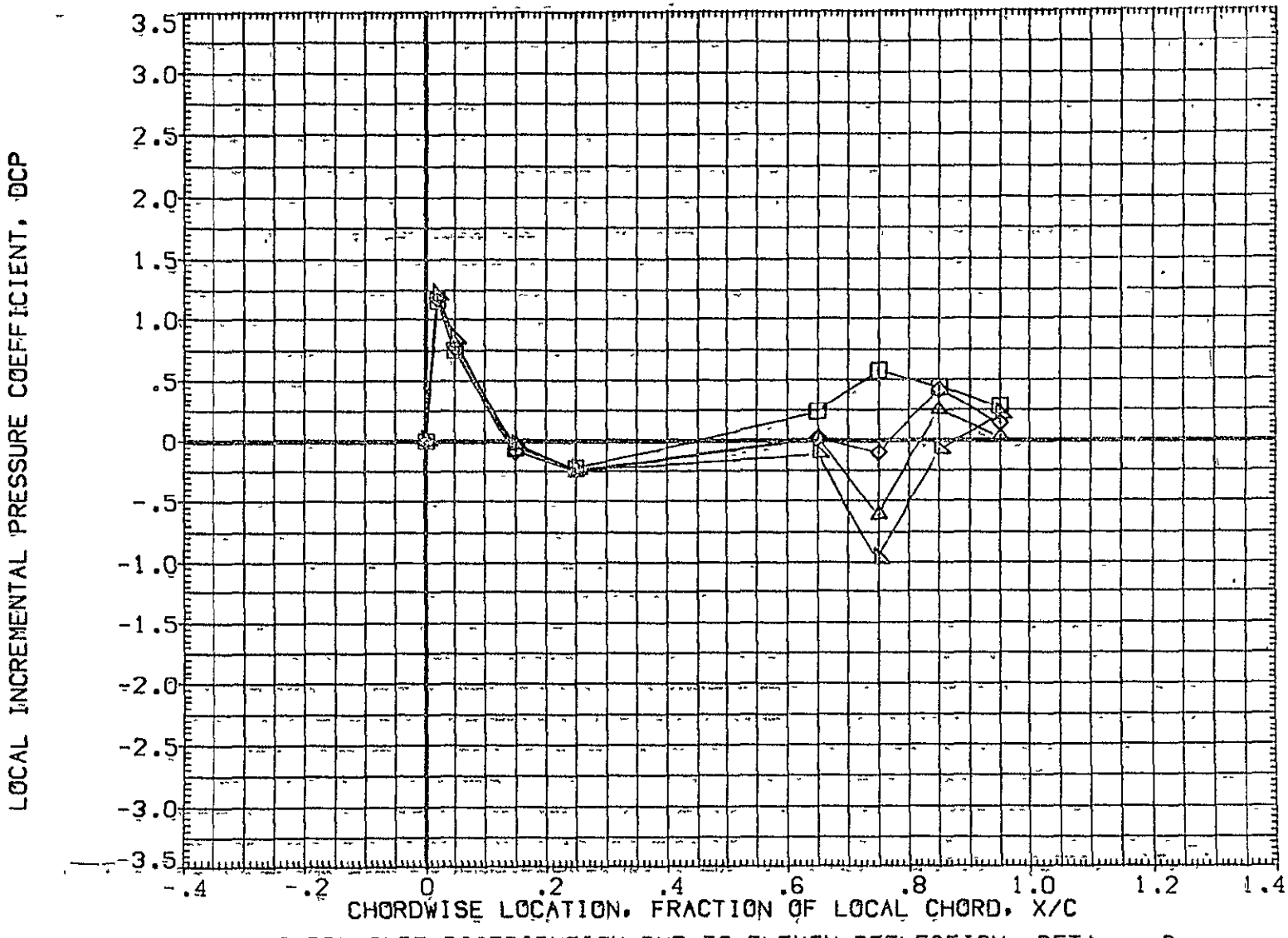

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE					-4.000	.000	-4.000	-4.000
(AF7045)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7050)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7055)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7060)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

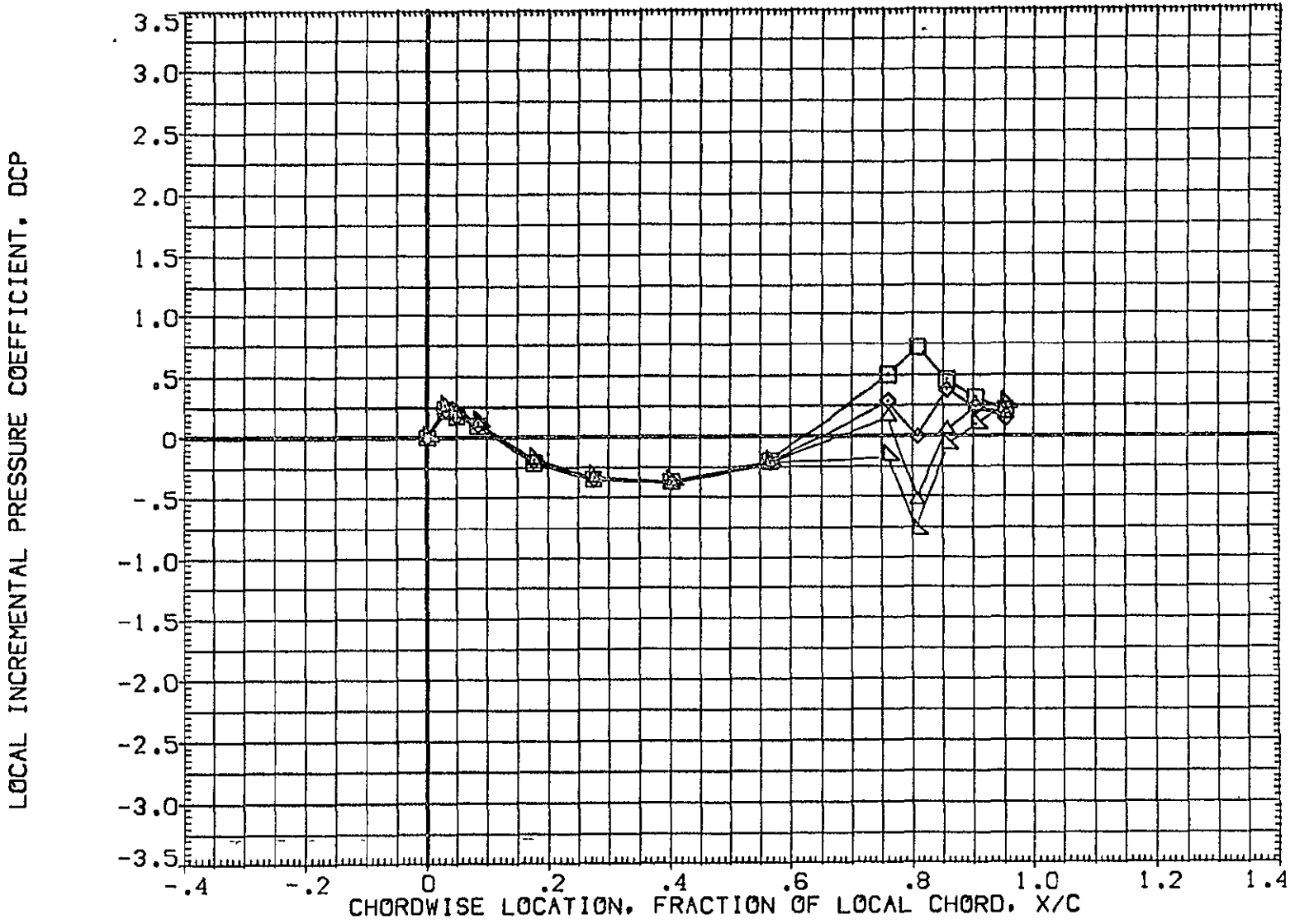

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

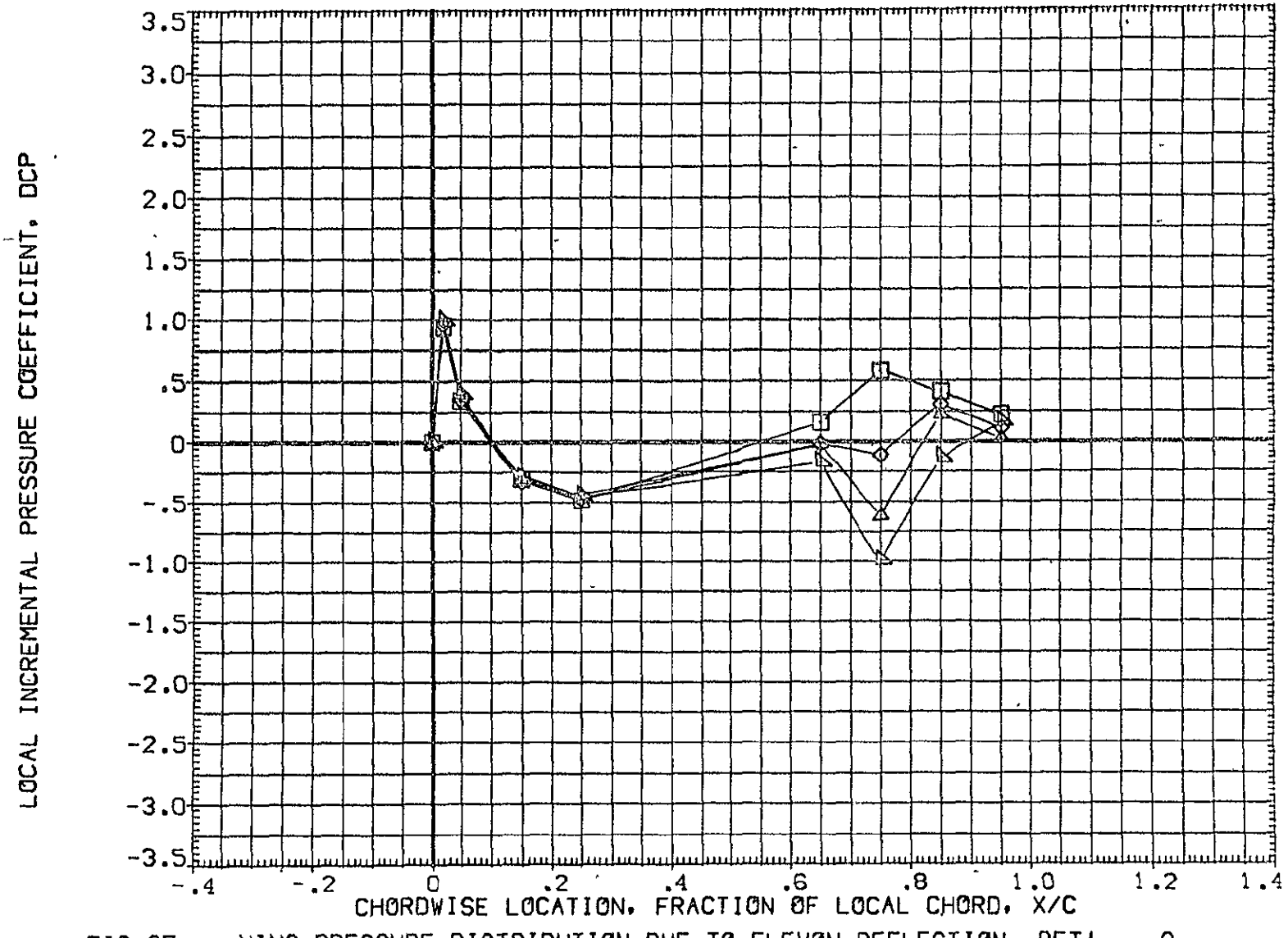

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

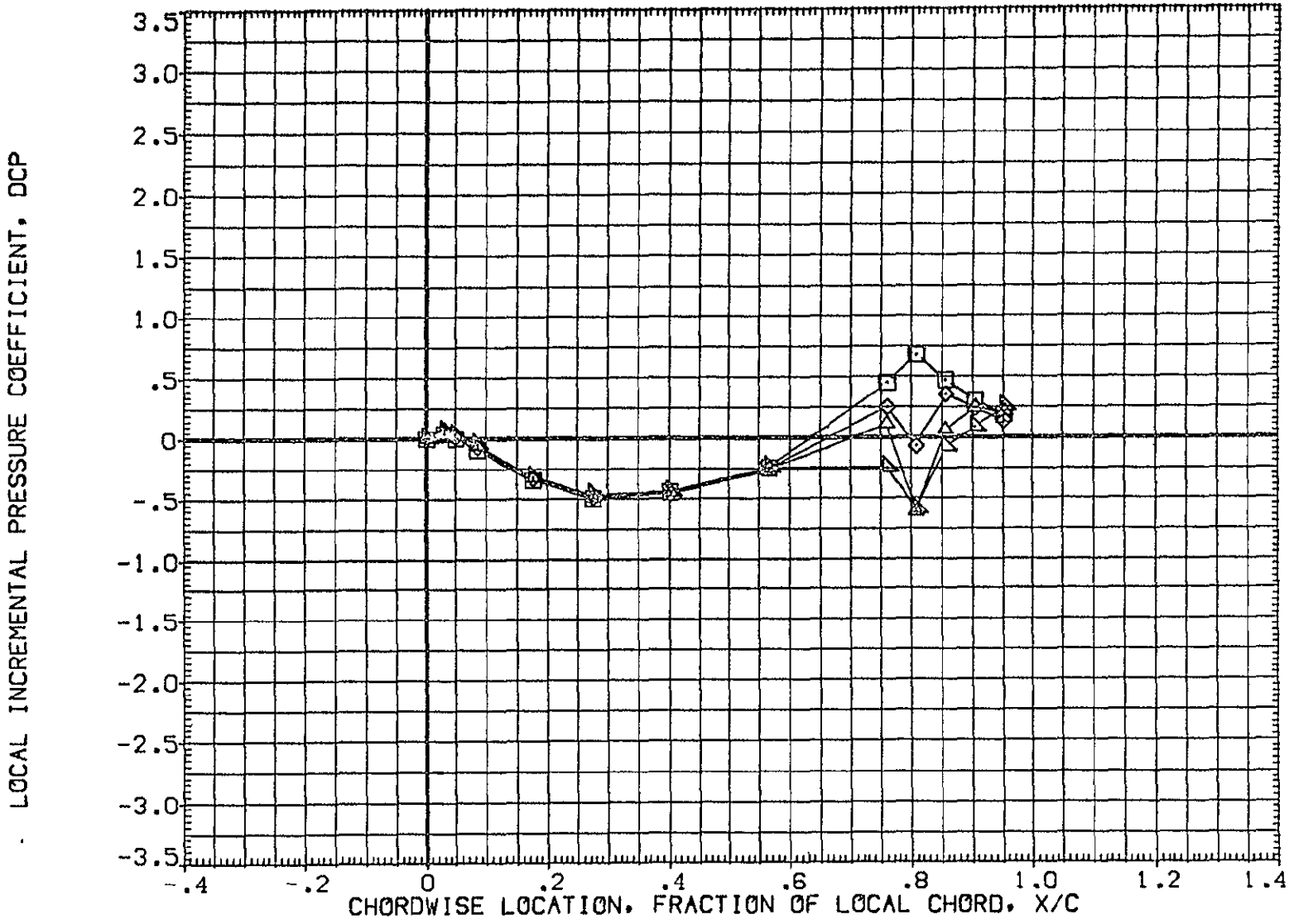

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

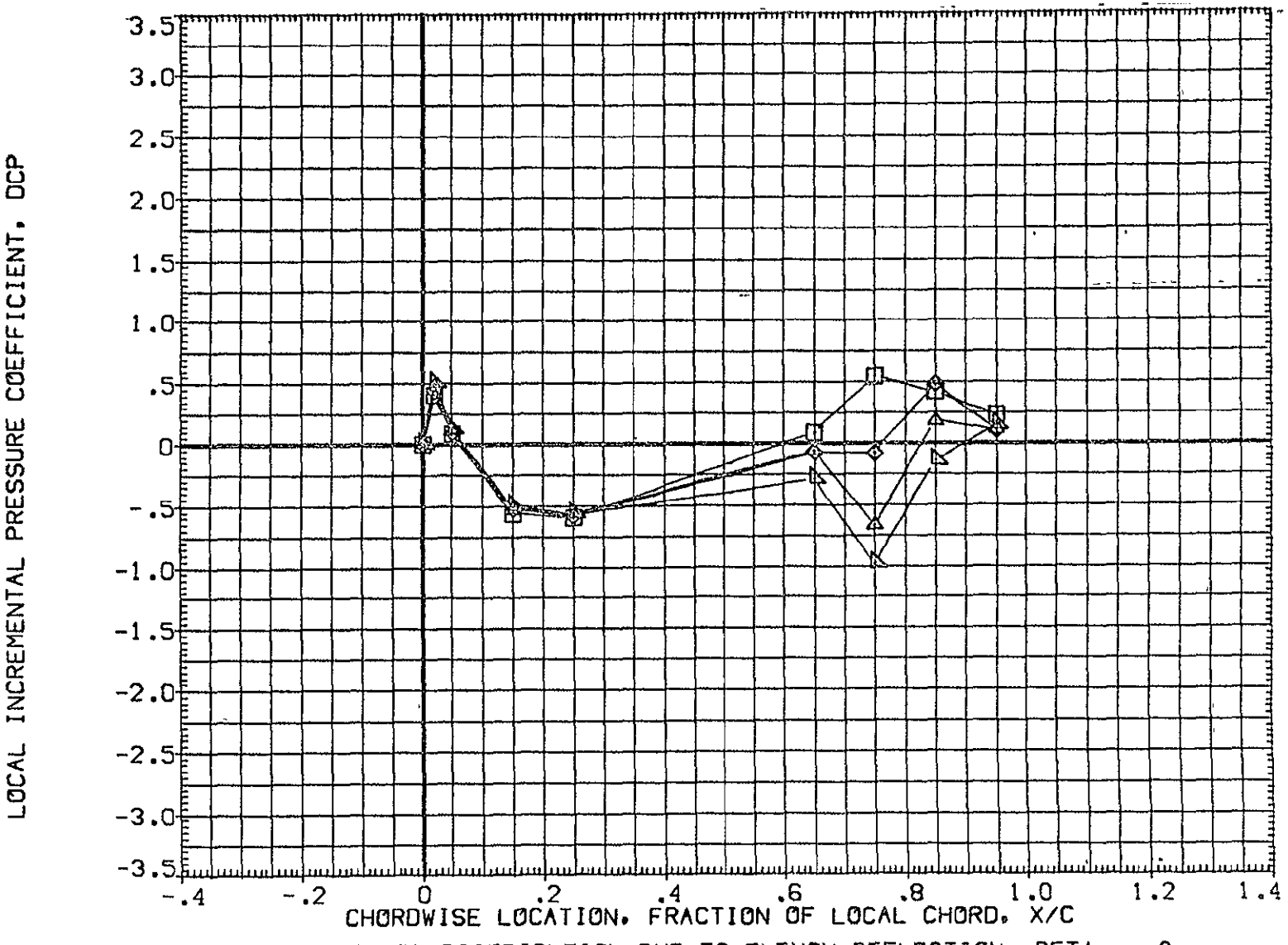

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

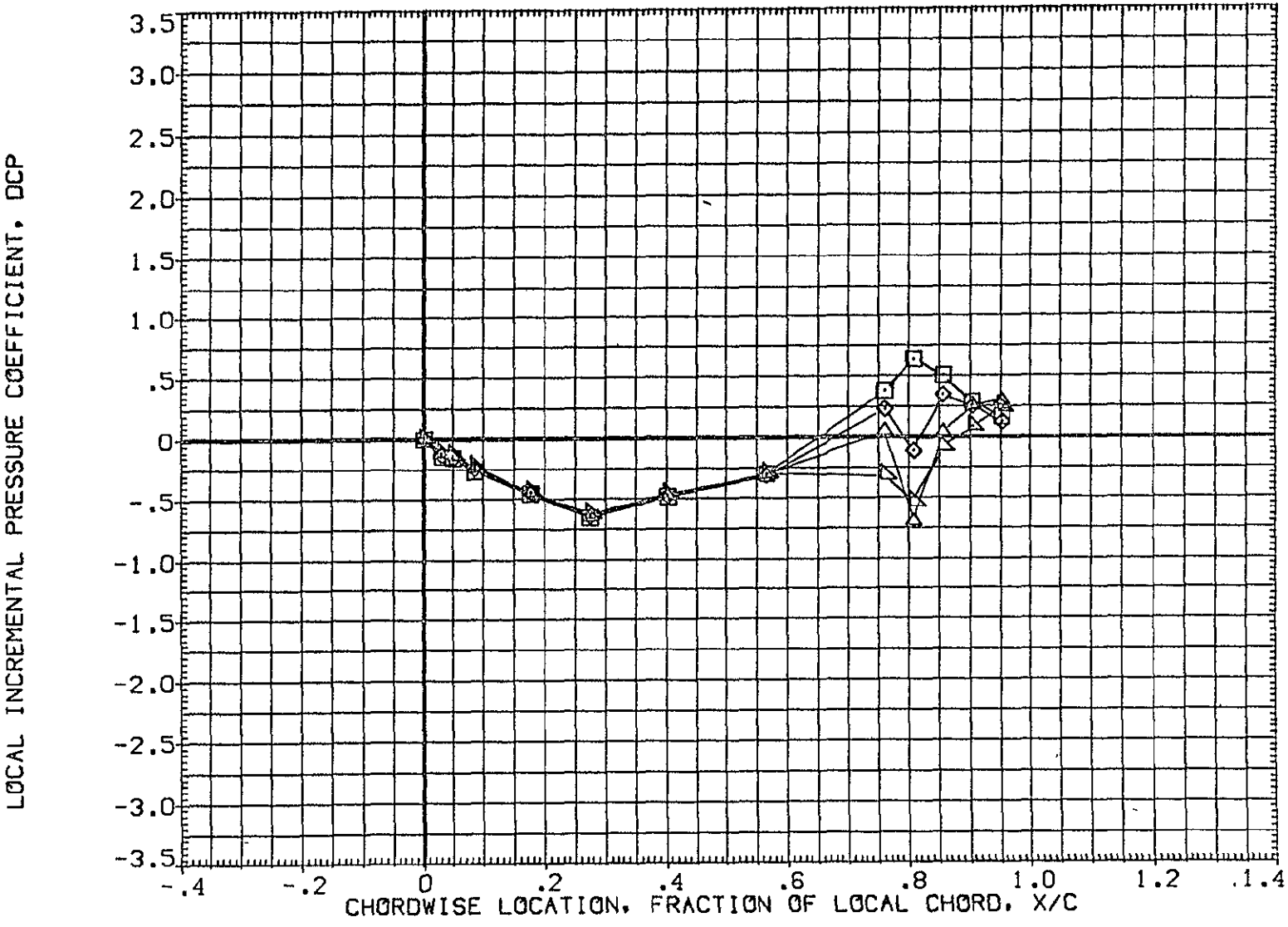

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7045)		IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

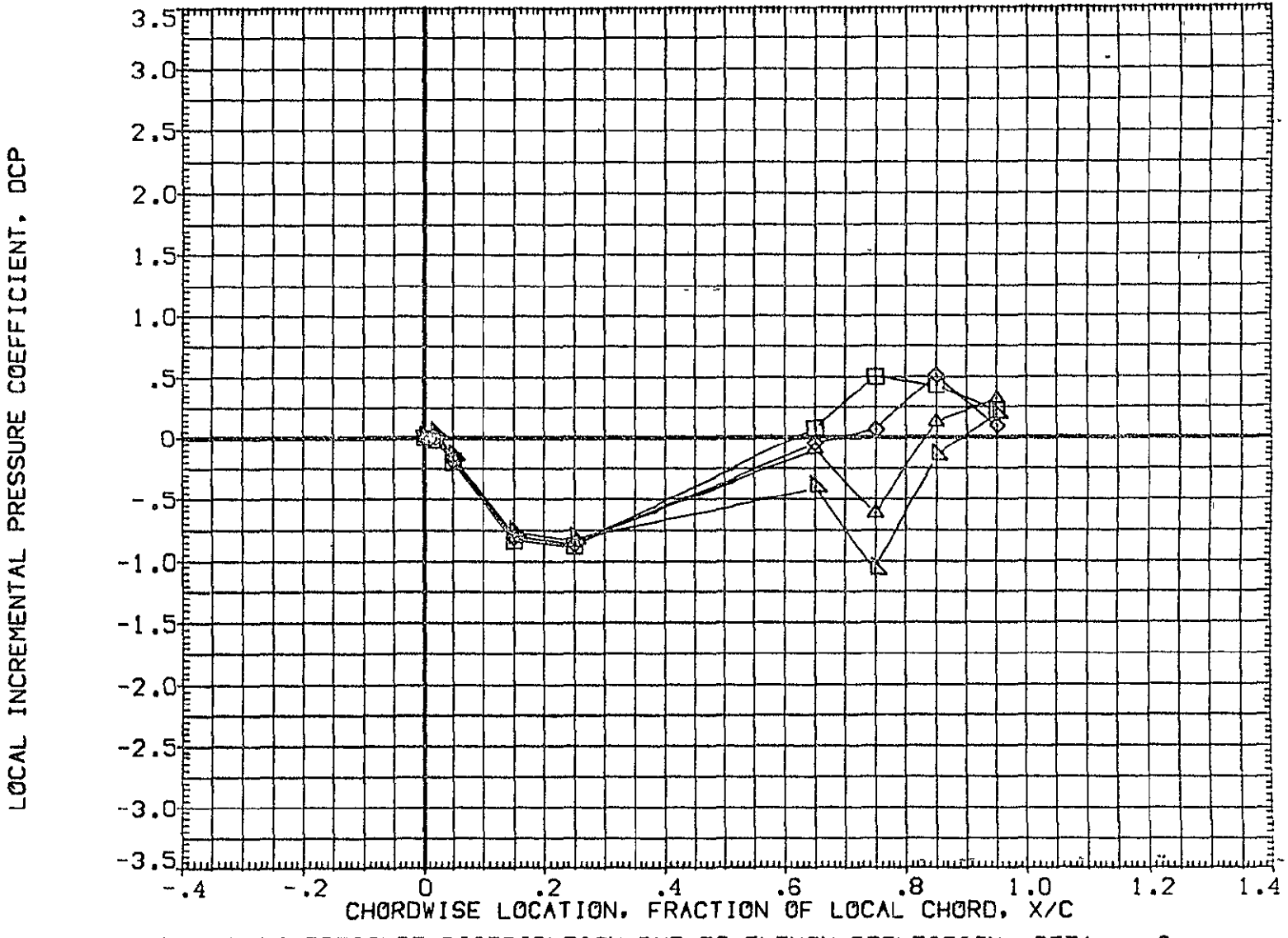

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

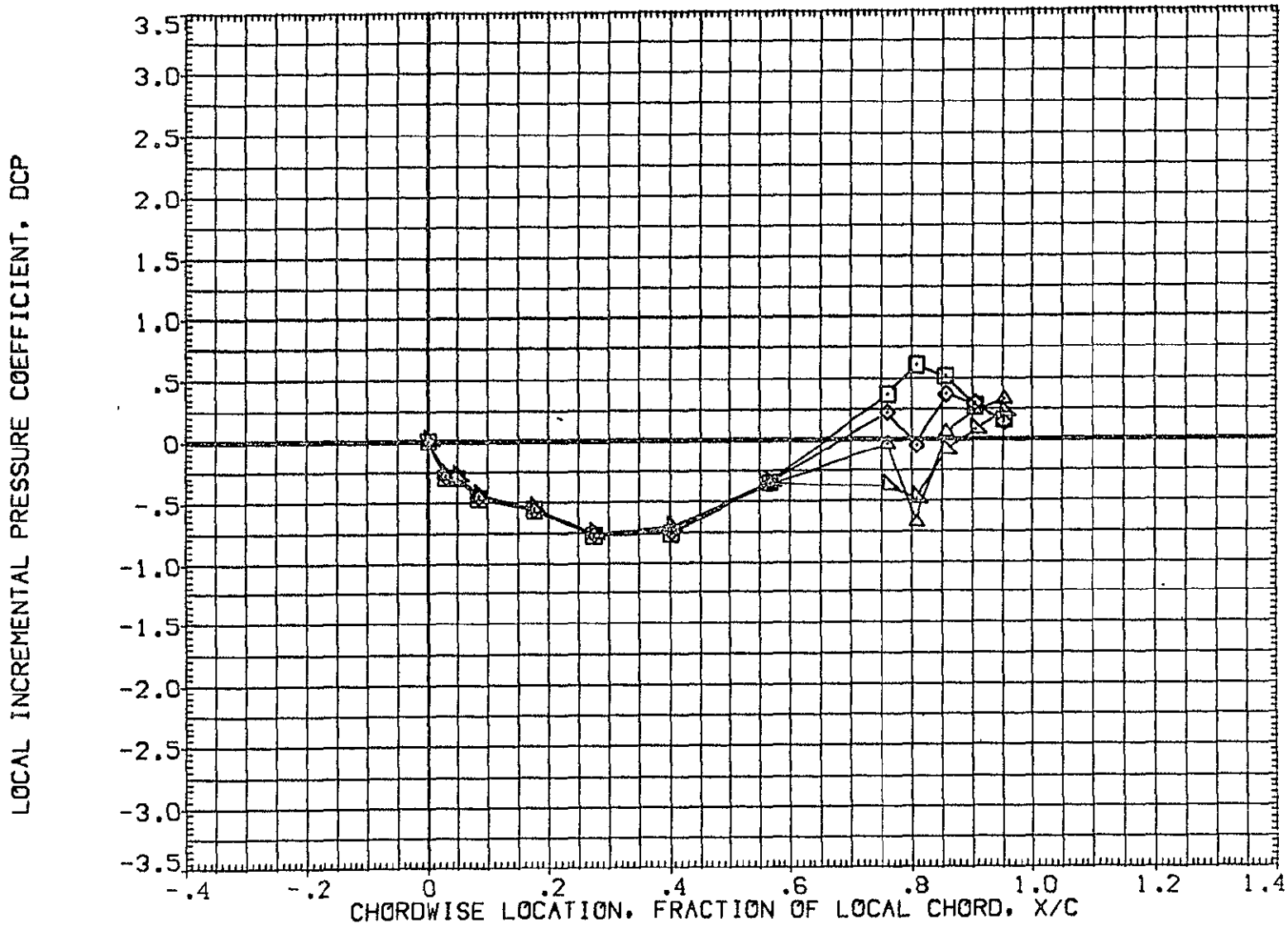

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 SI P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 SI P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 SI P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 SI P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

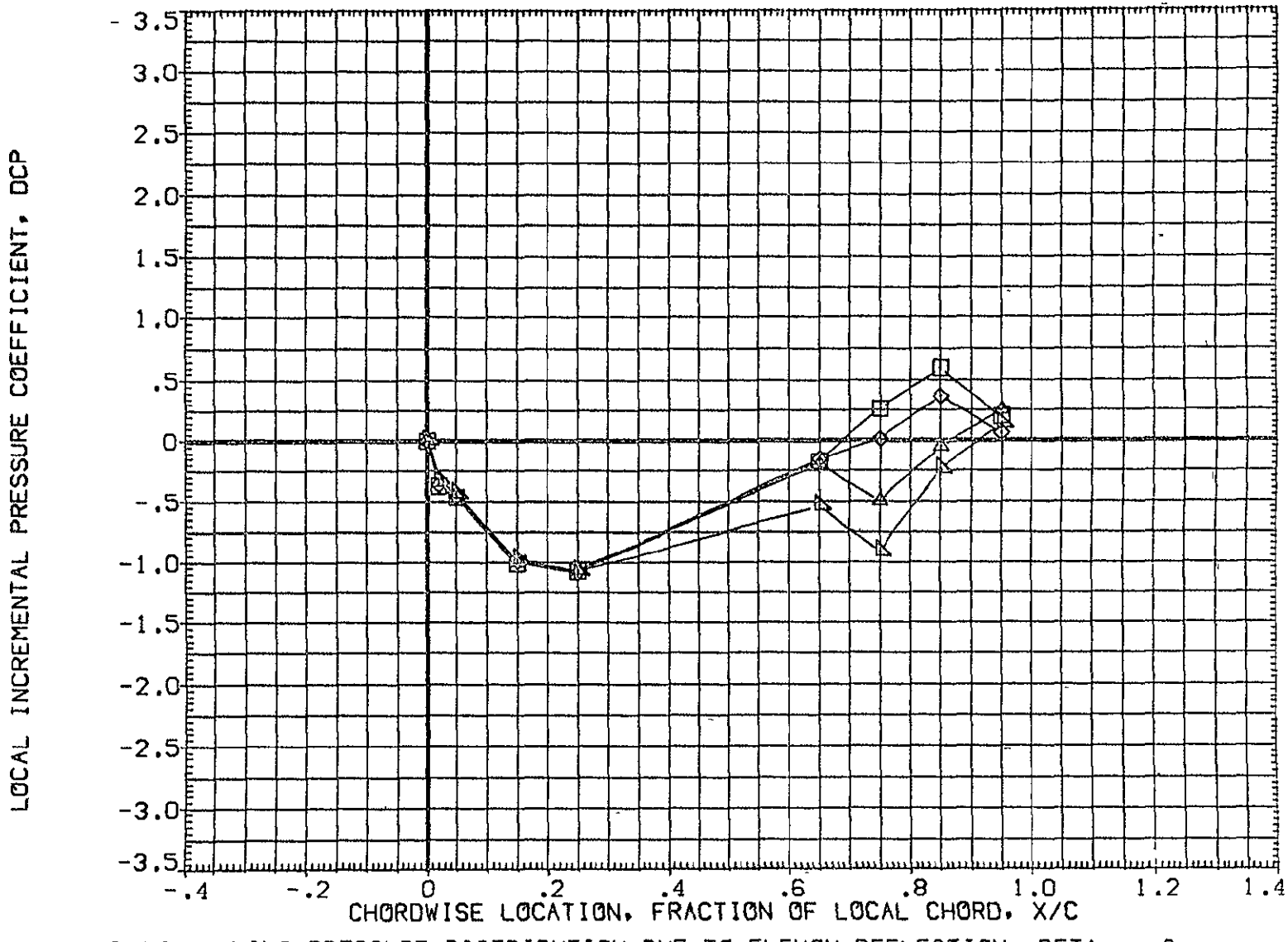

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	☆	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

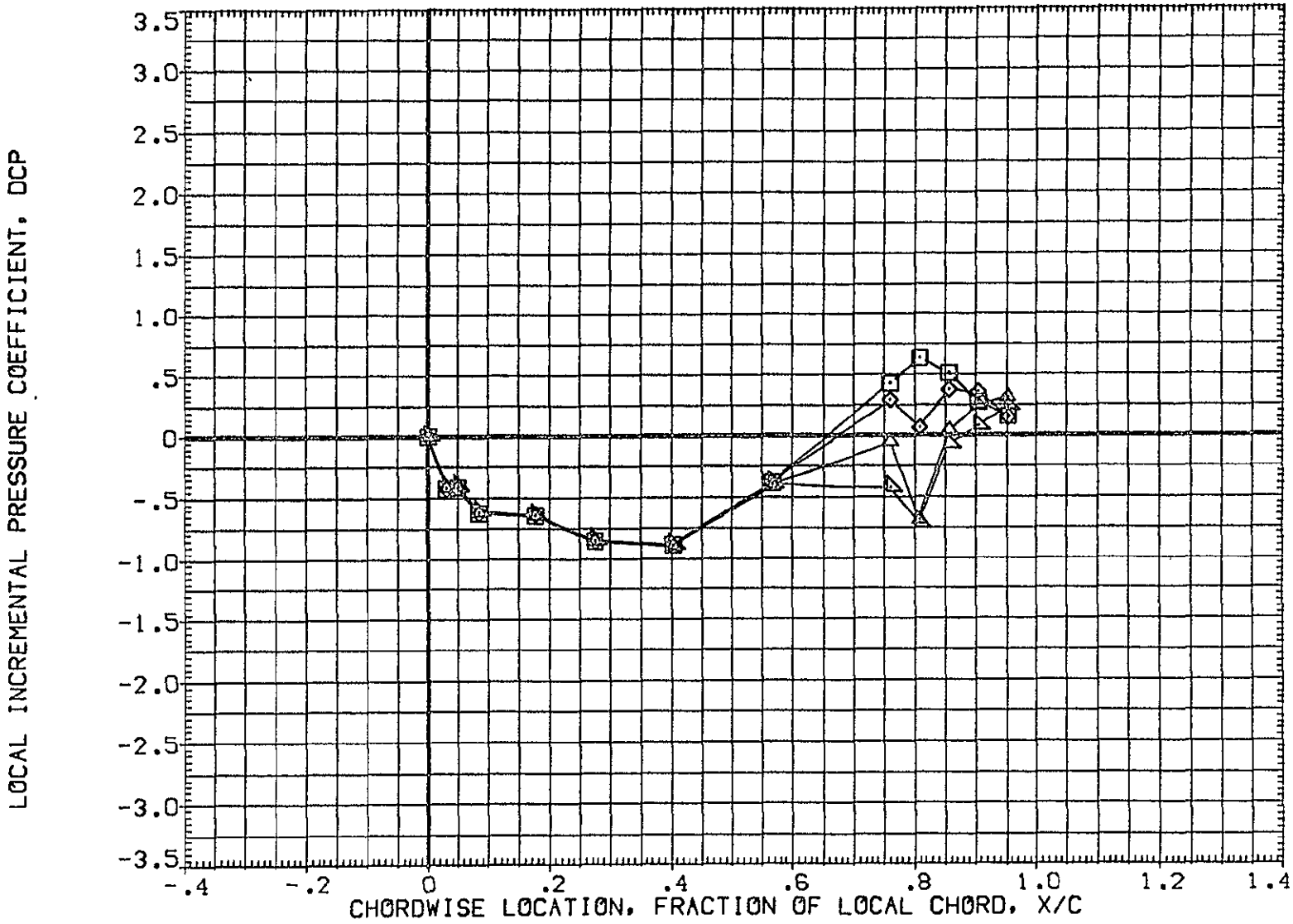

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE					-4.000	.000	-4.000	-4.000
(AF7045)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7050)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7055)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7060)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

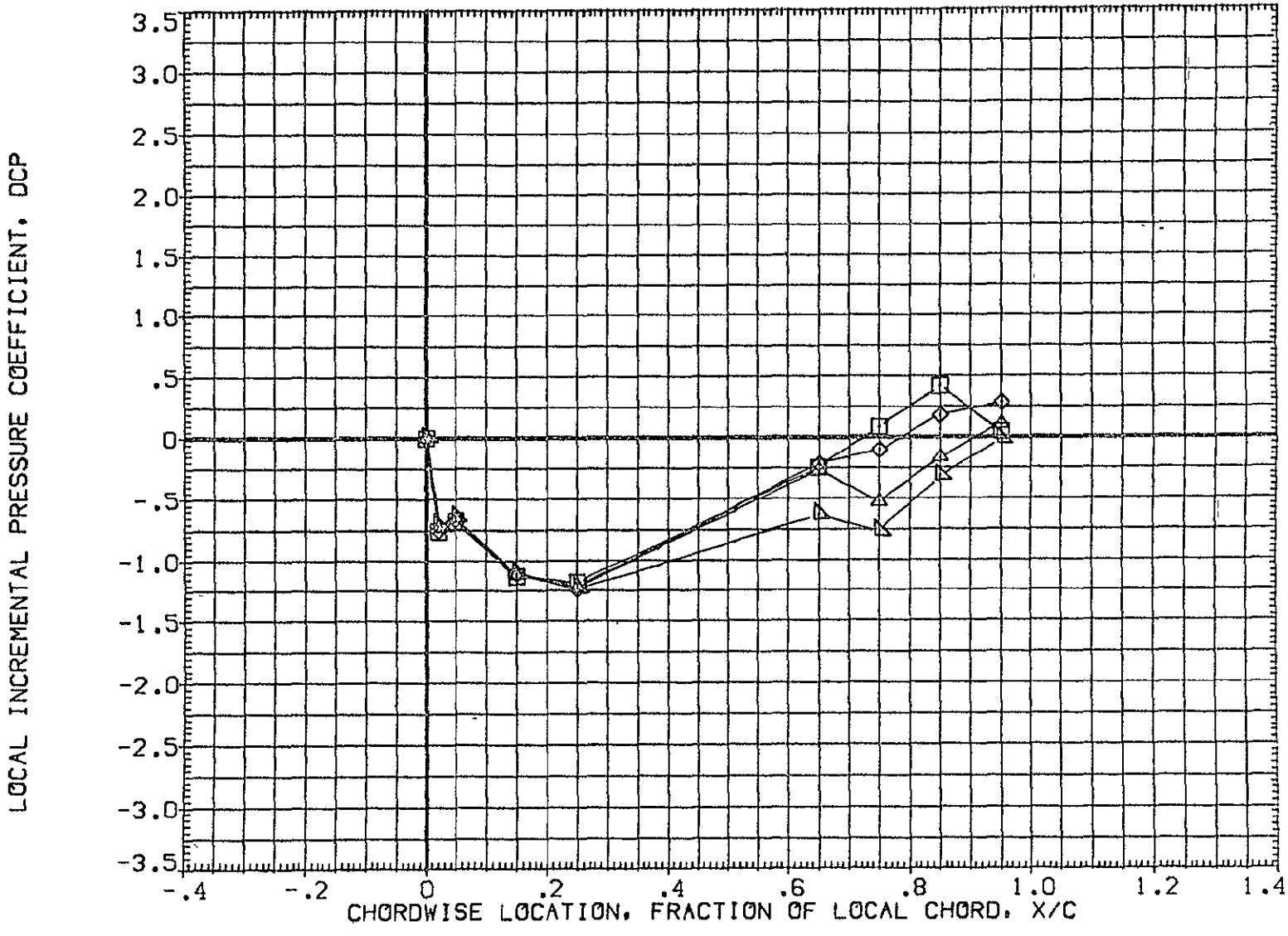

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

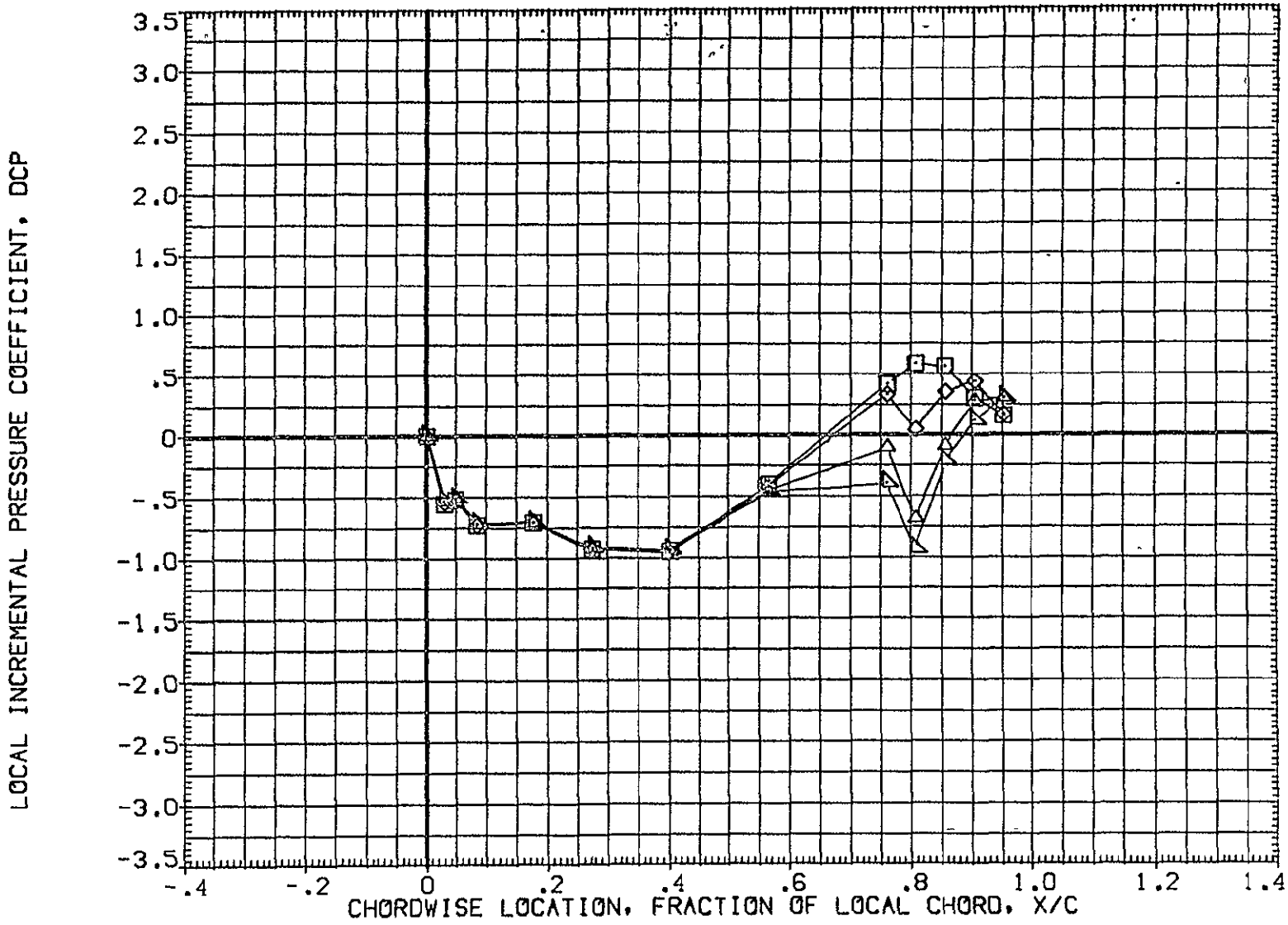

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH =, .900 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

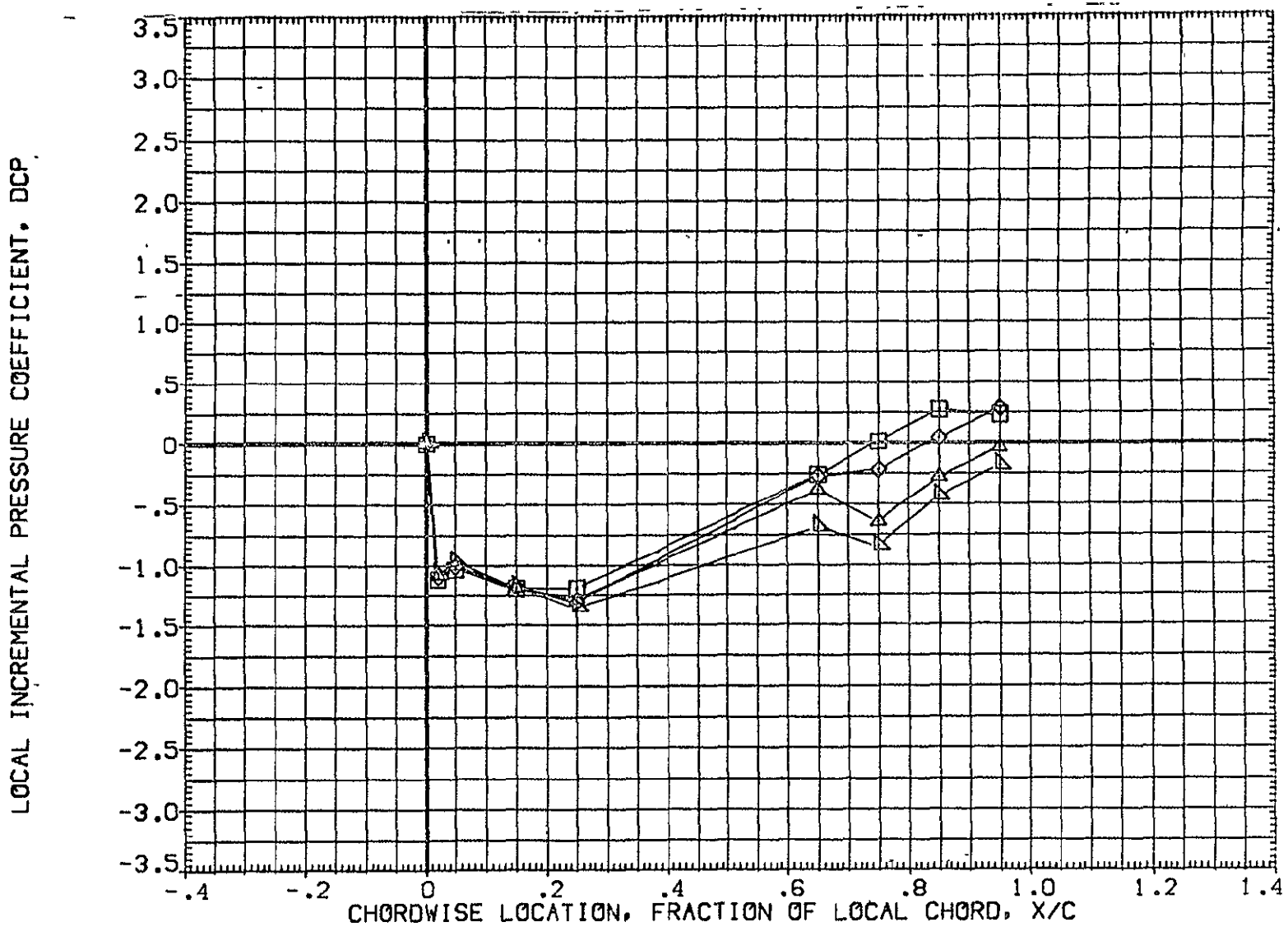

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

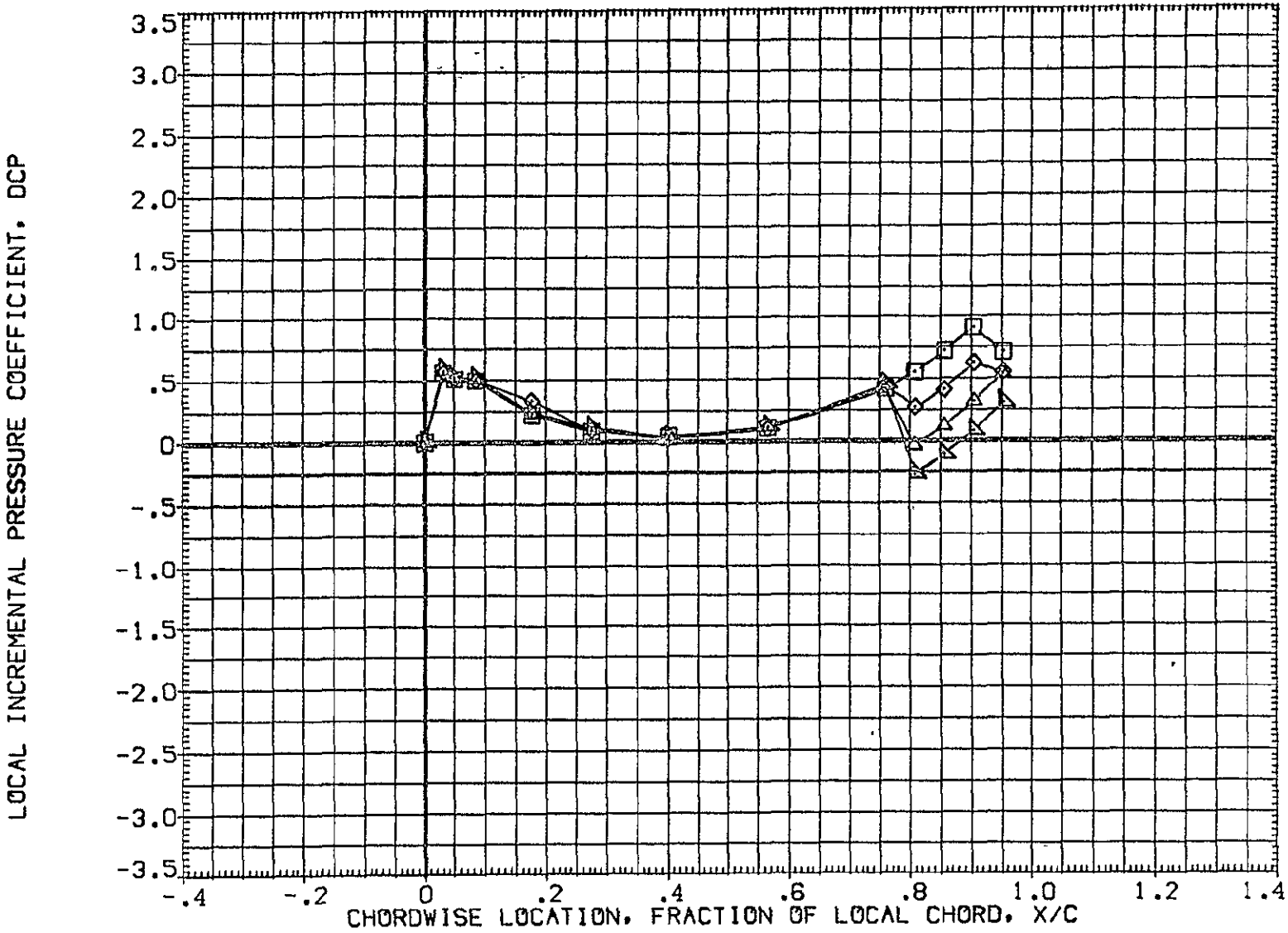

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

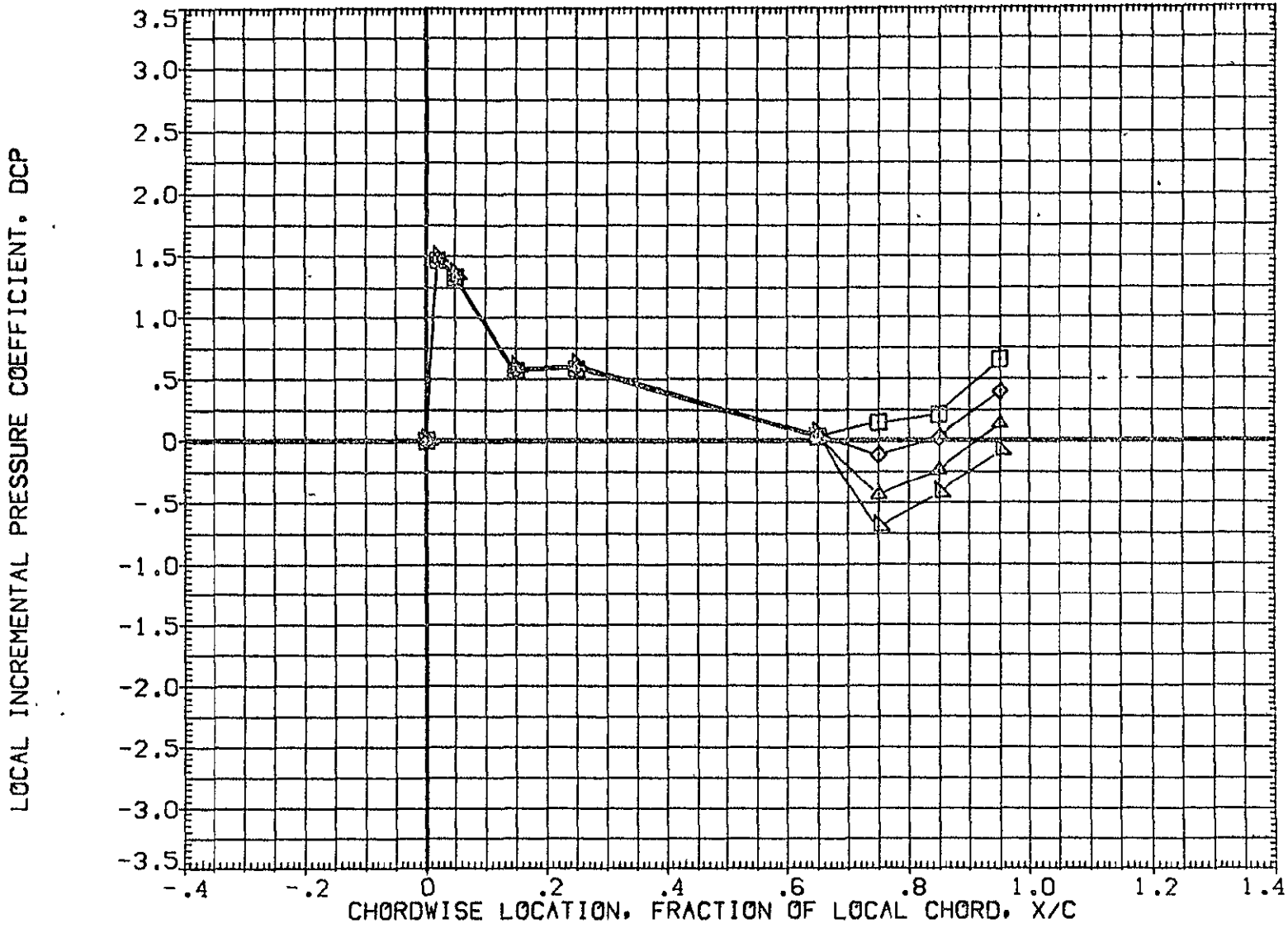

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

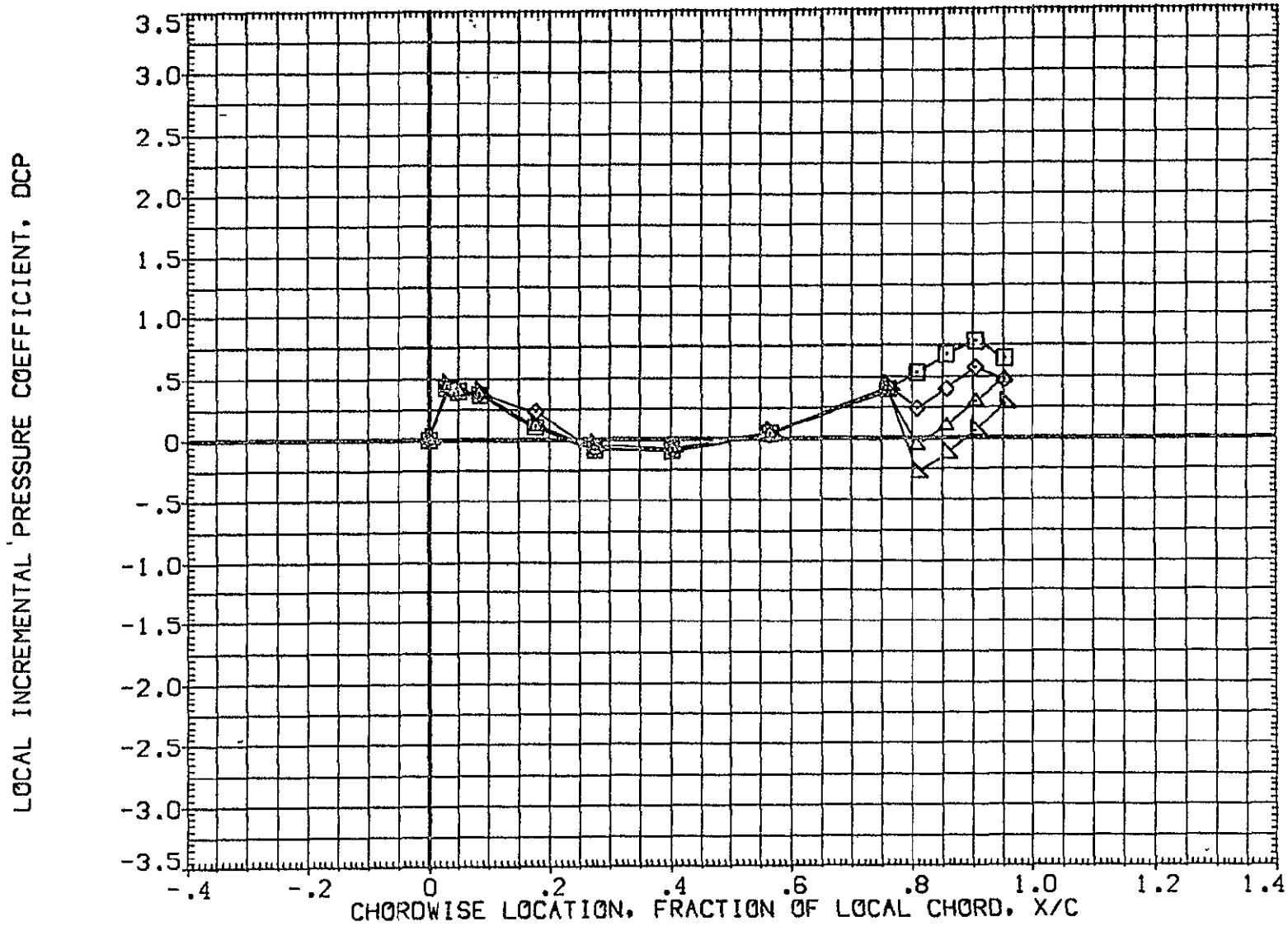

FIG 27 .WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

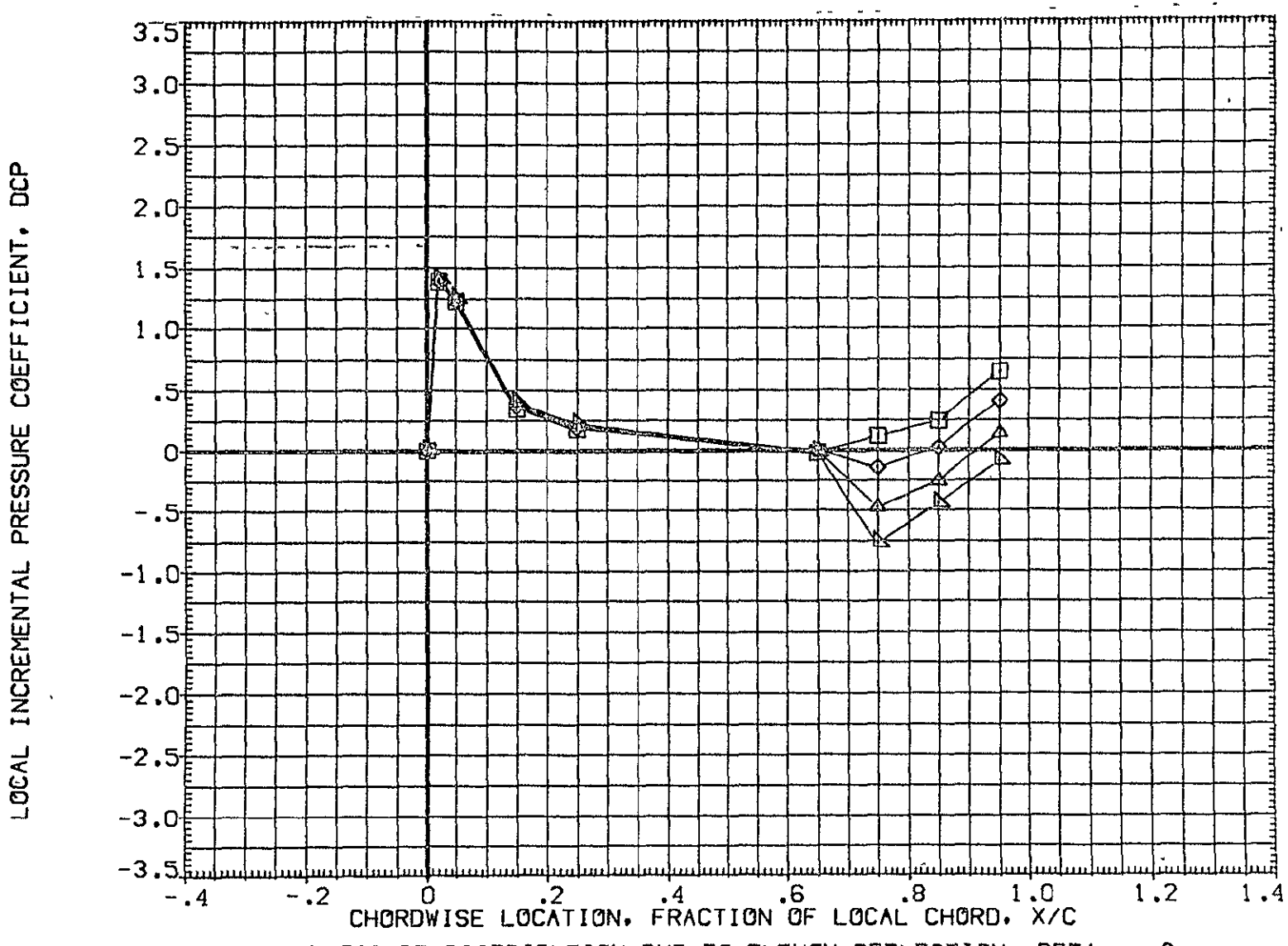

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	◺	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

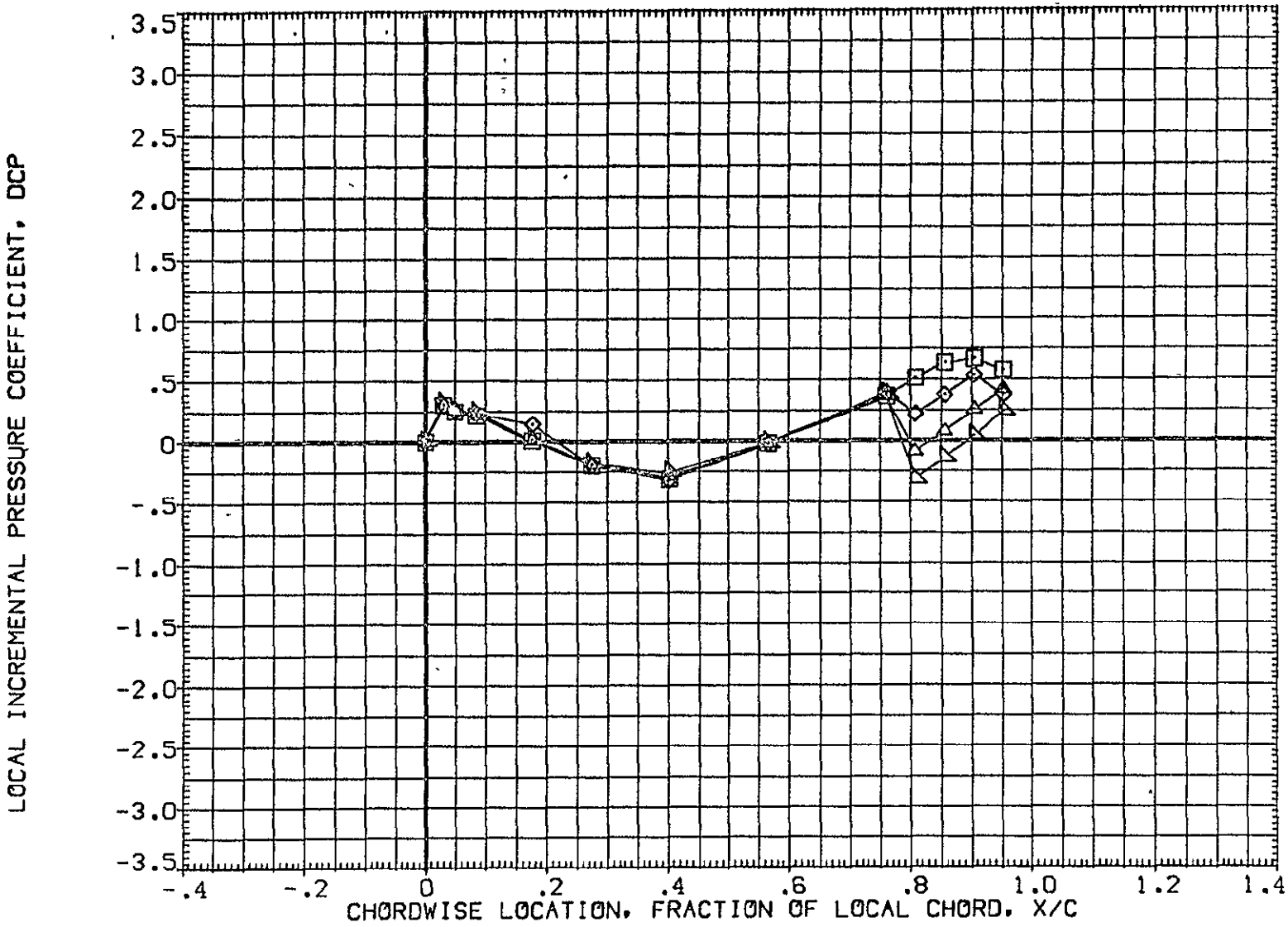

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

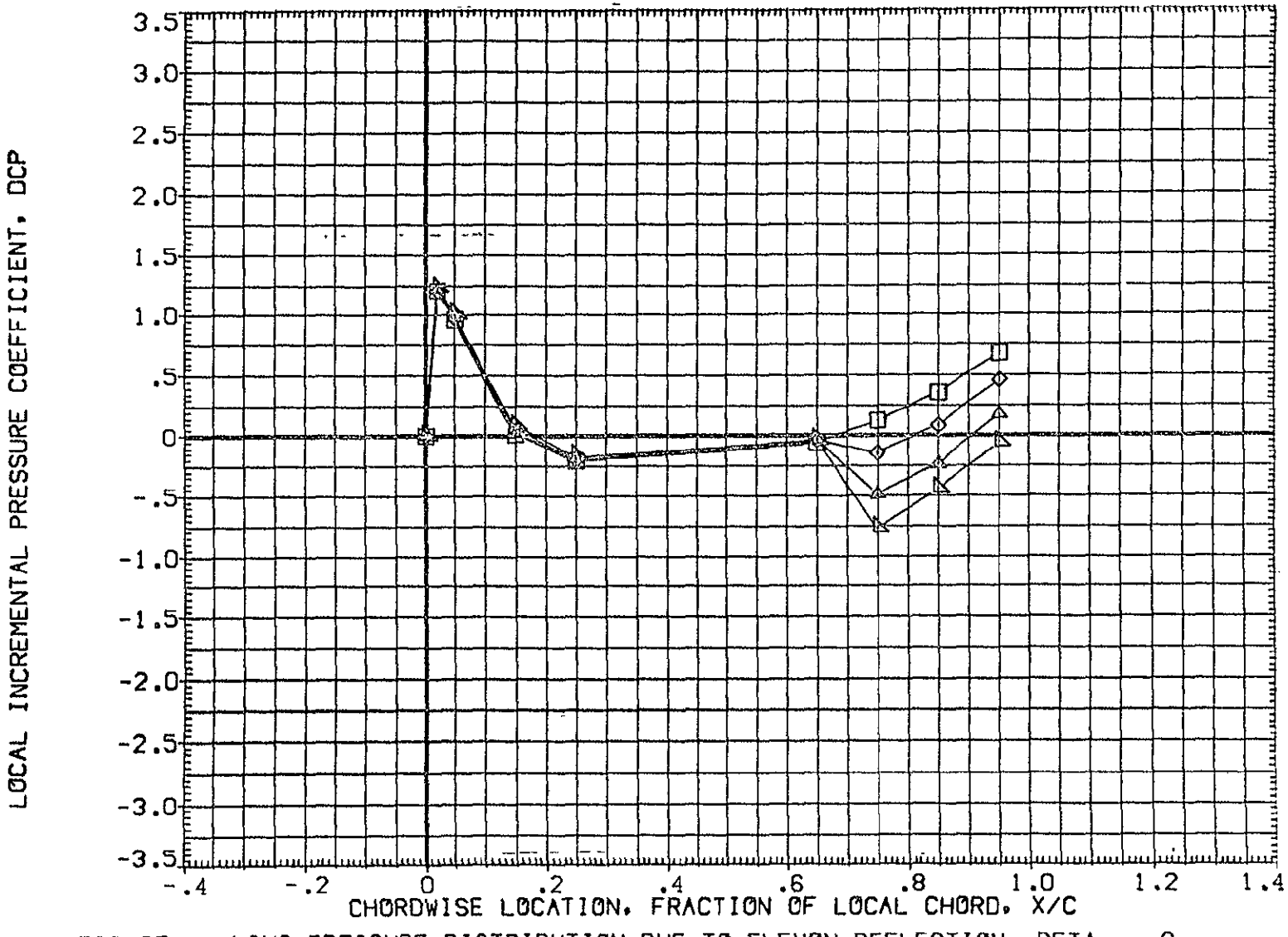

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

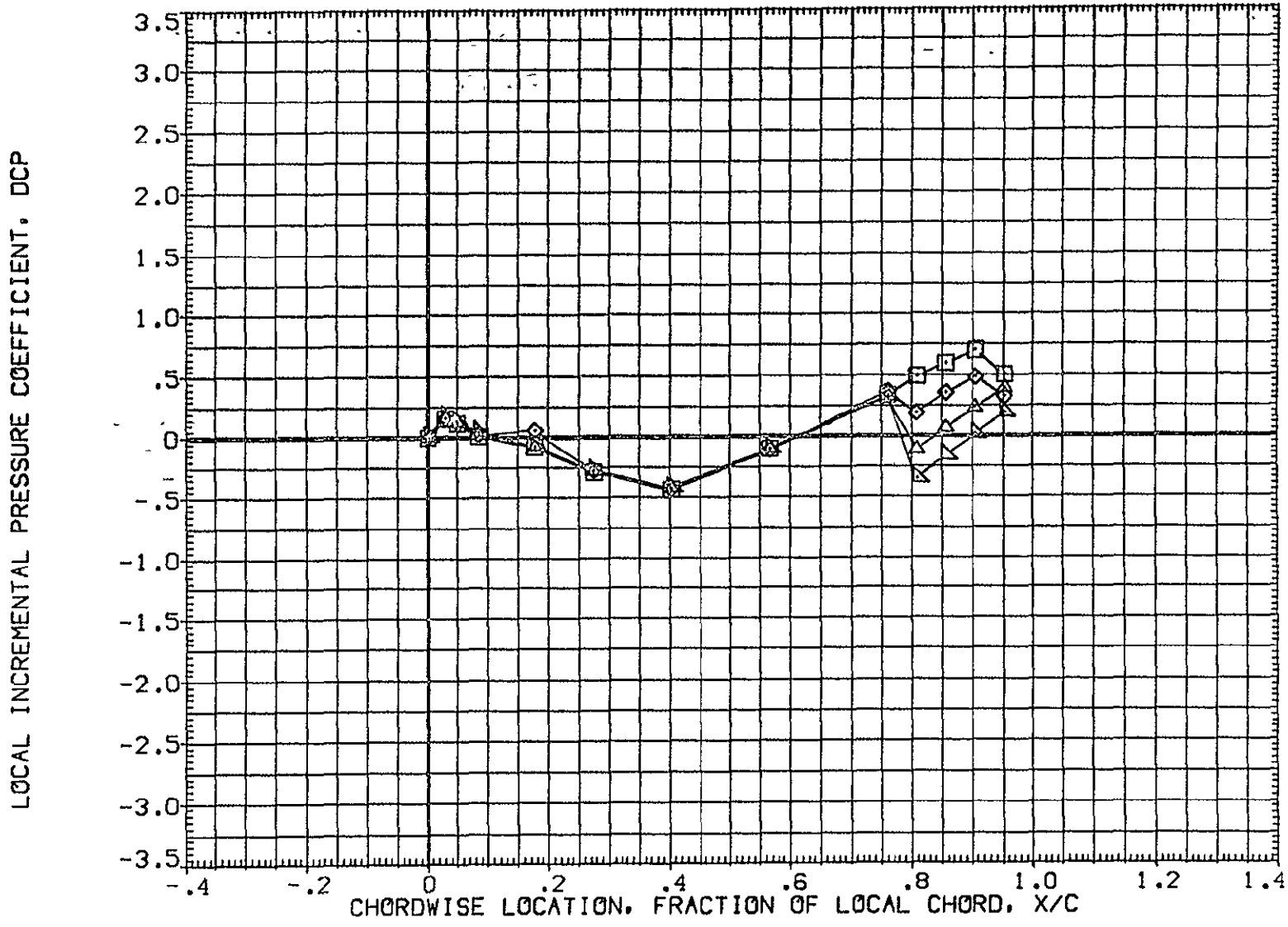

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 SI P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 SI P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 SI P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 SI P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

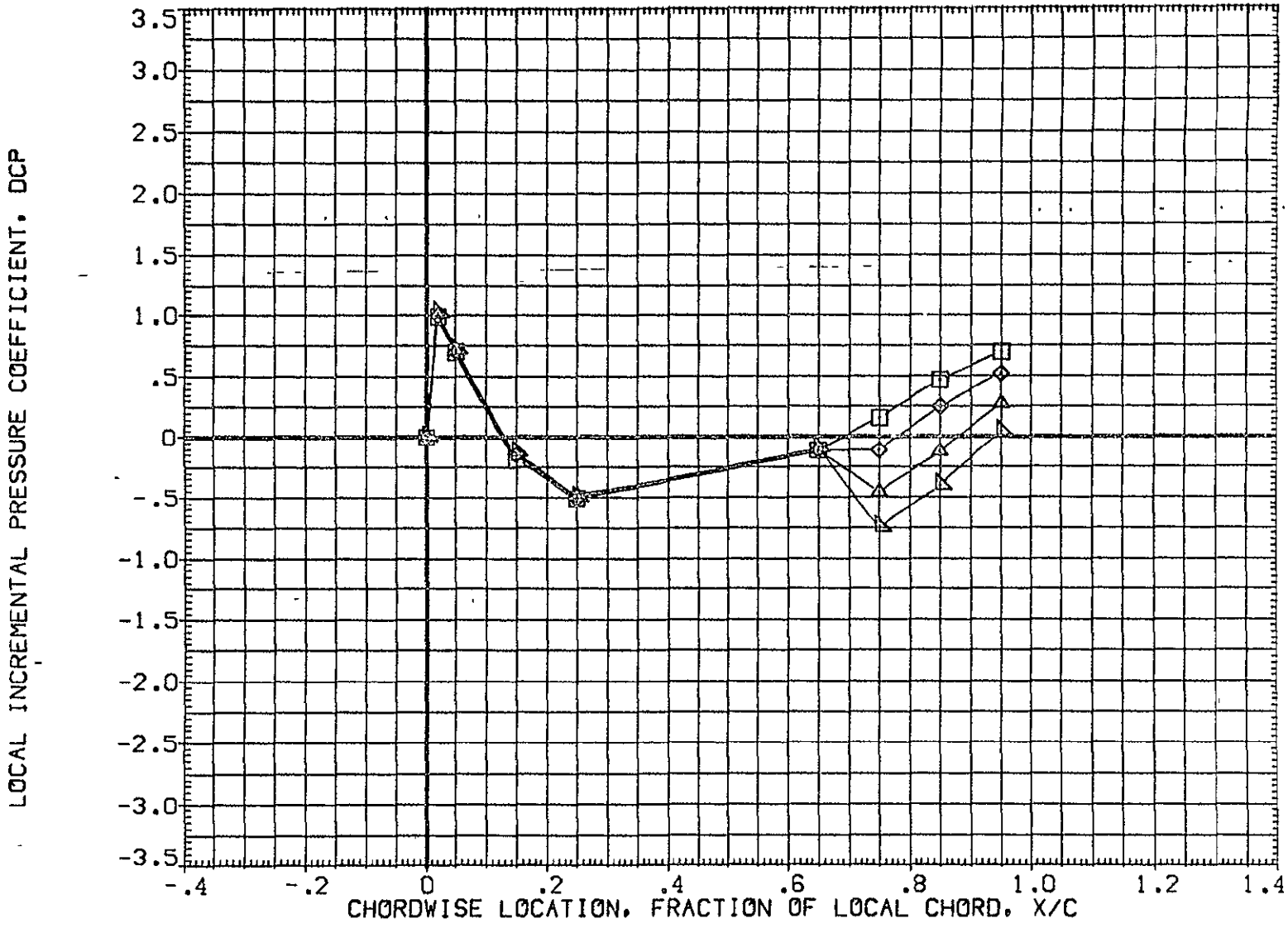

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

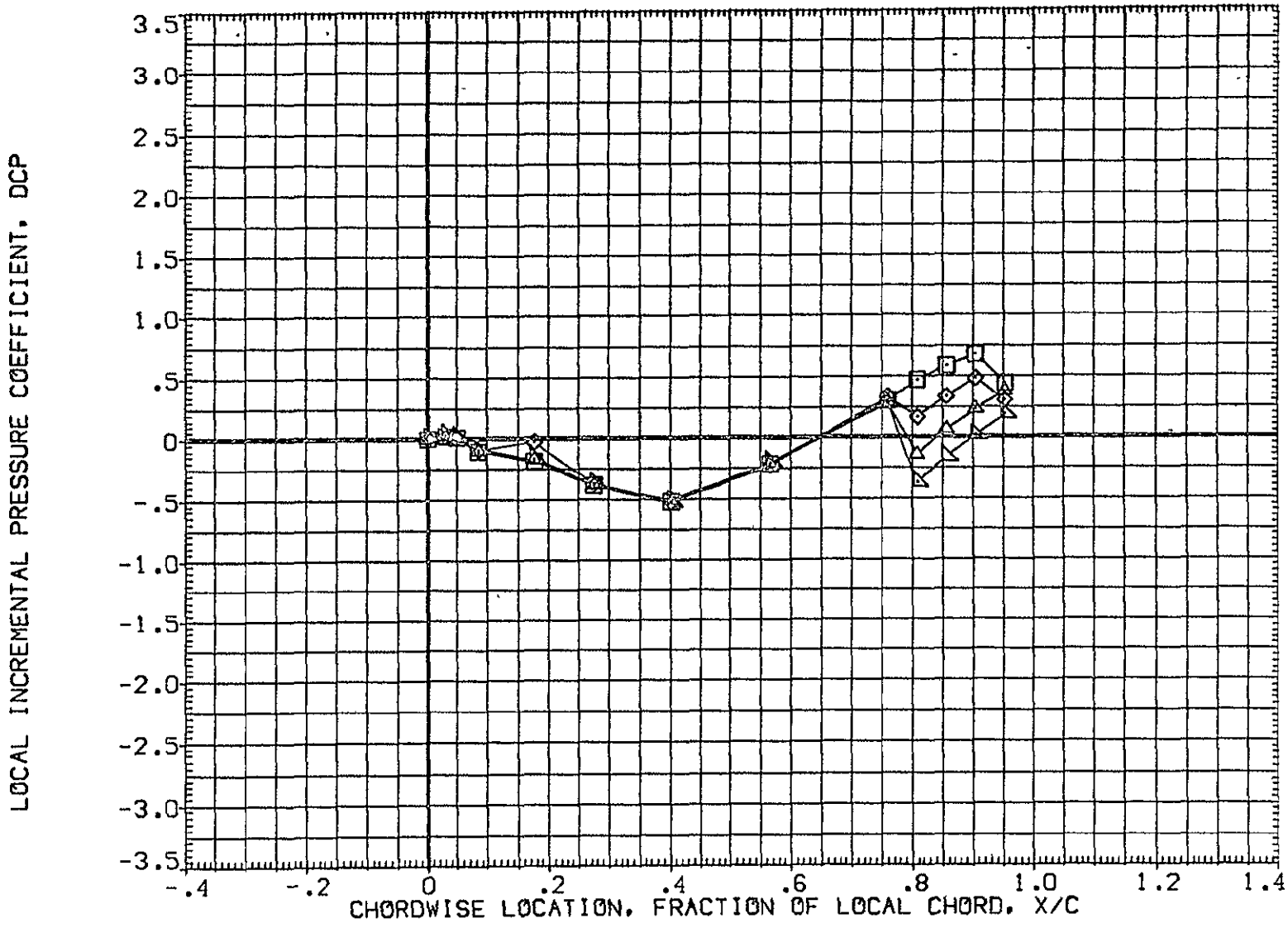

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

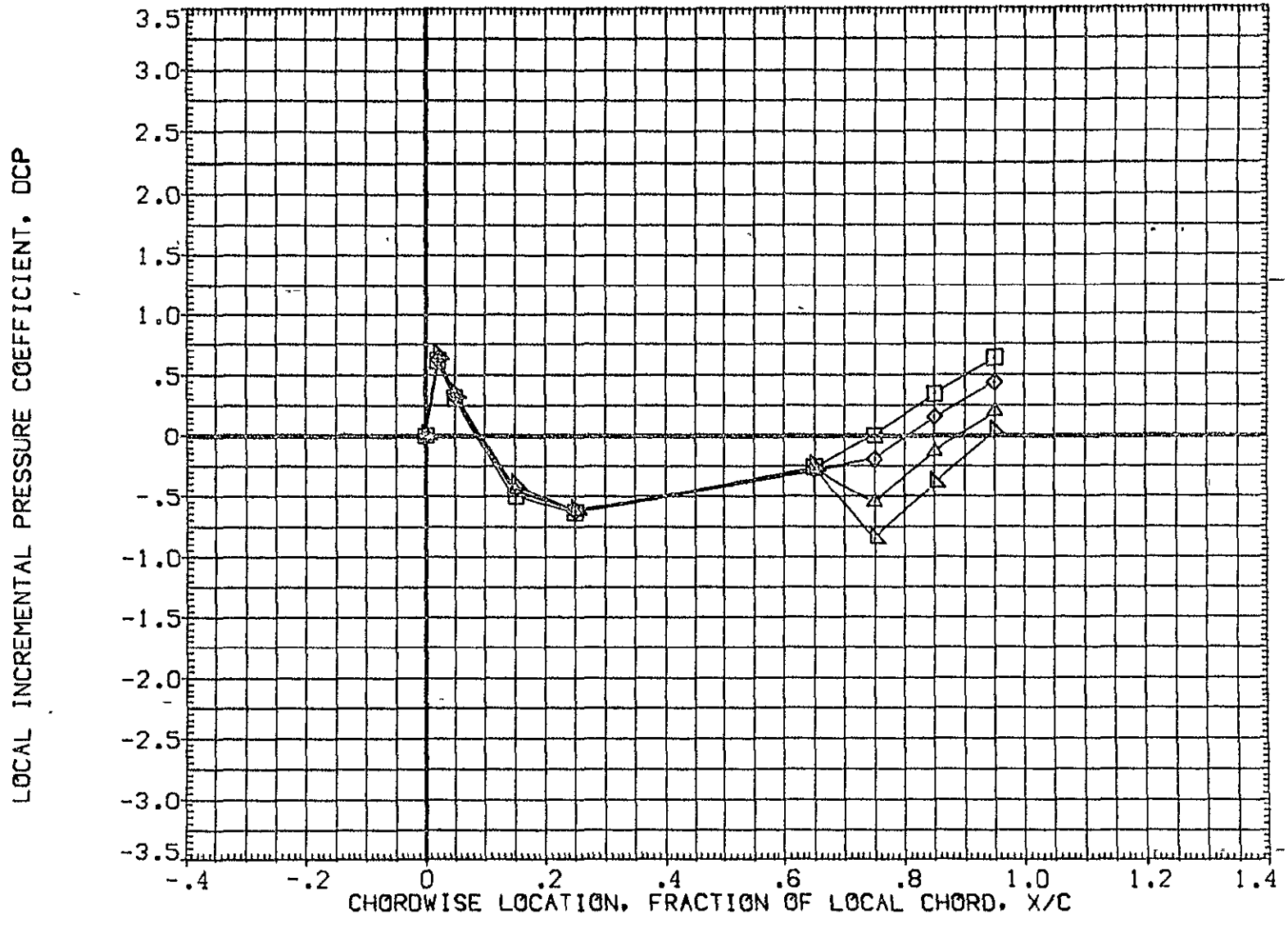

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

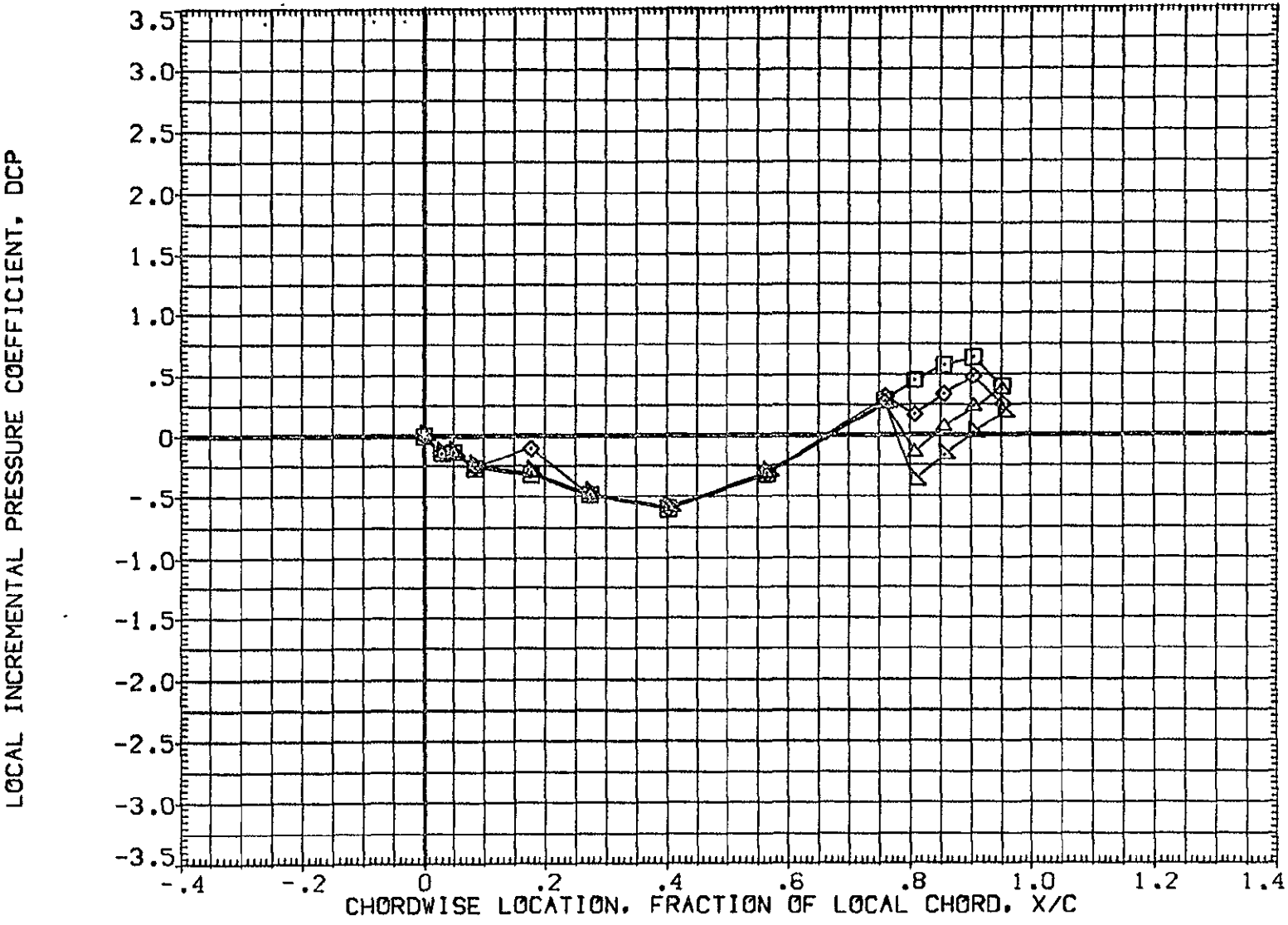

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

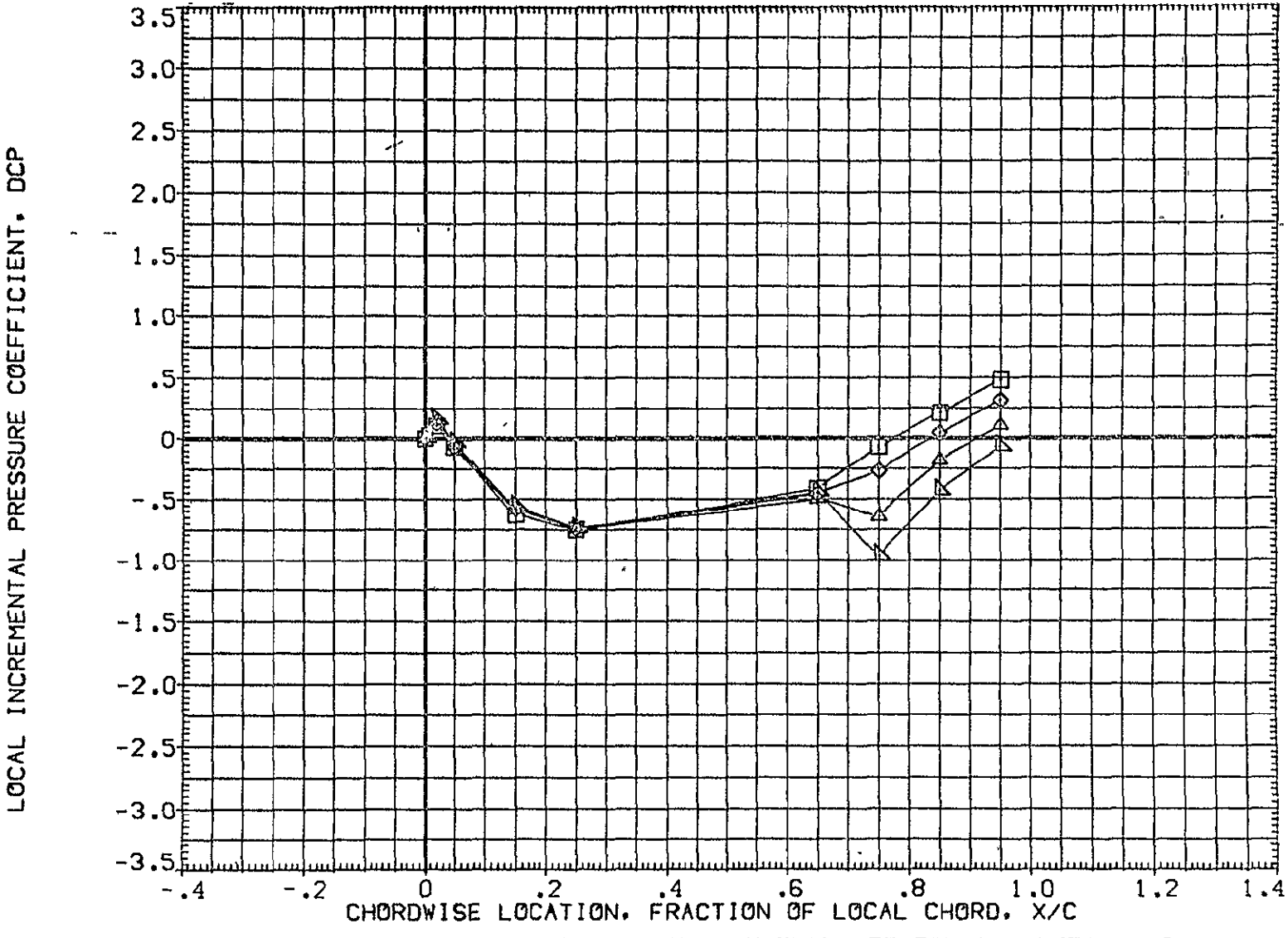

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	◺	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

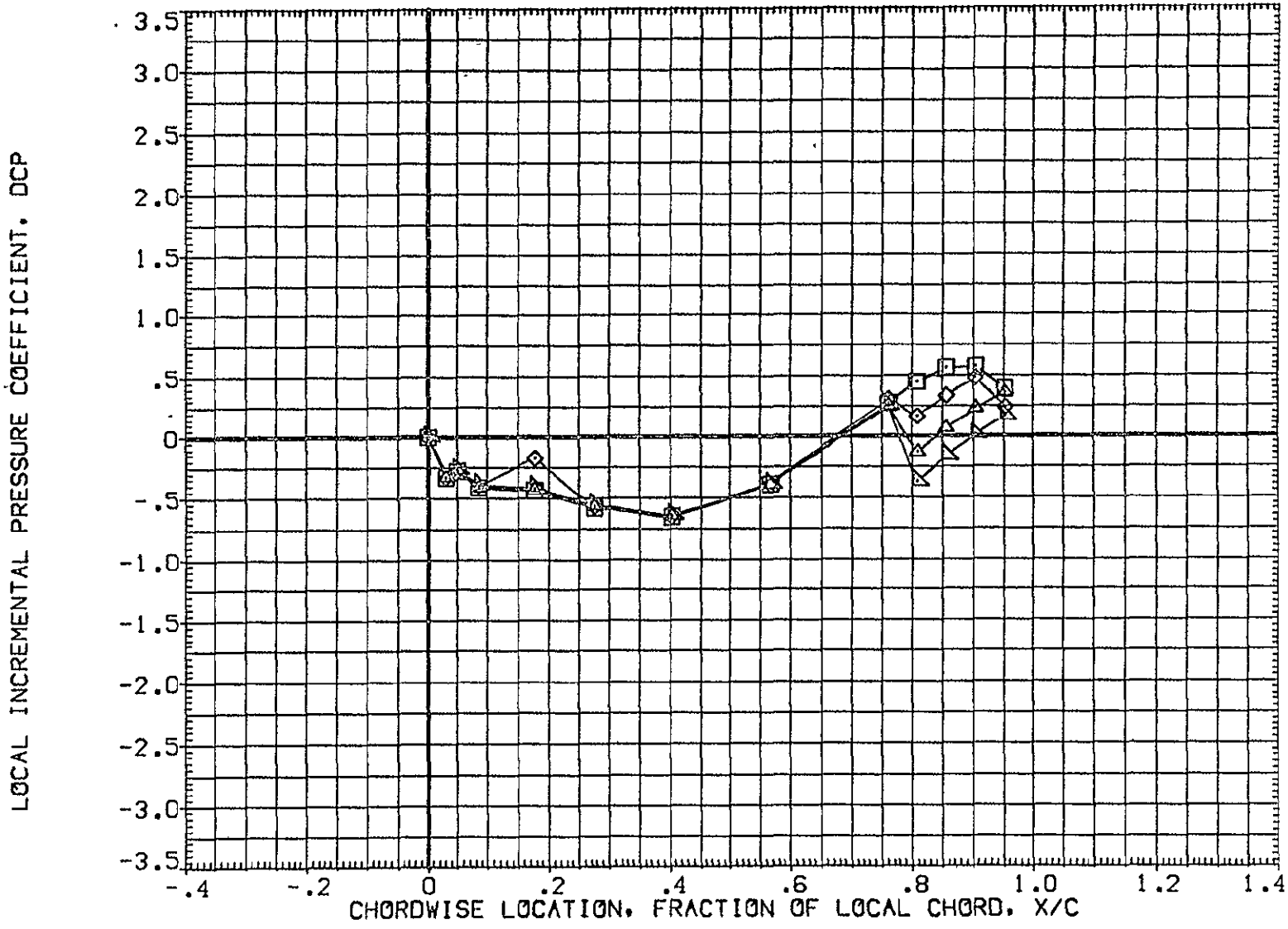

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

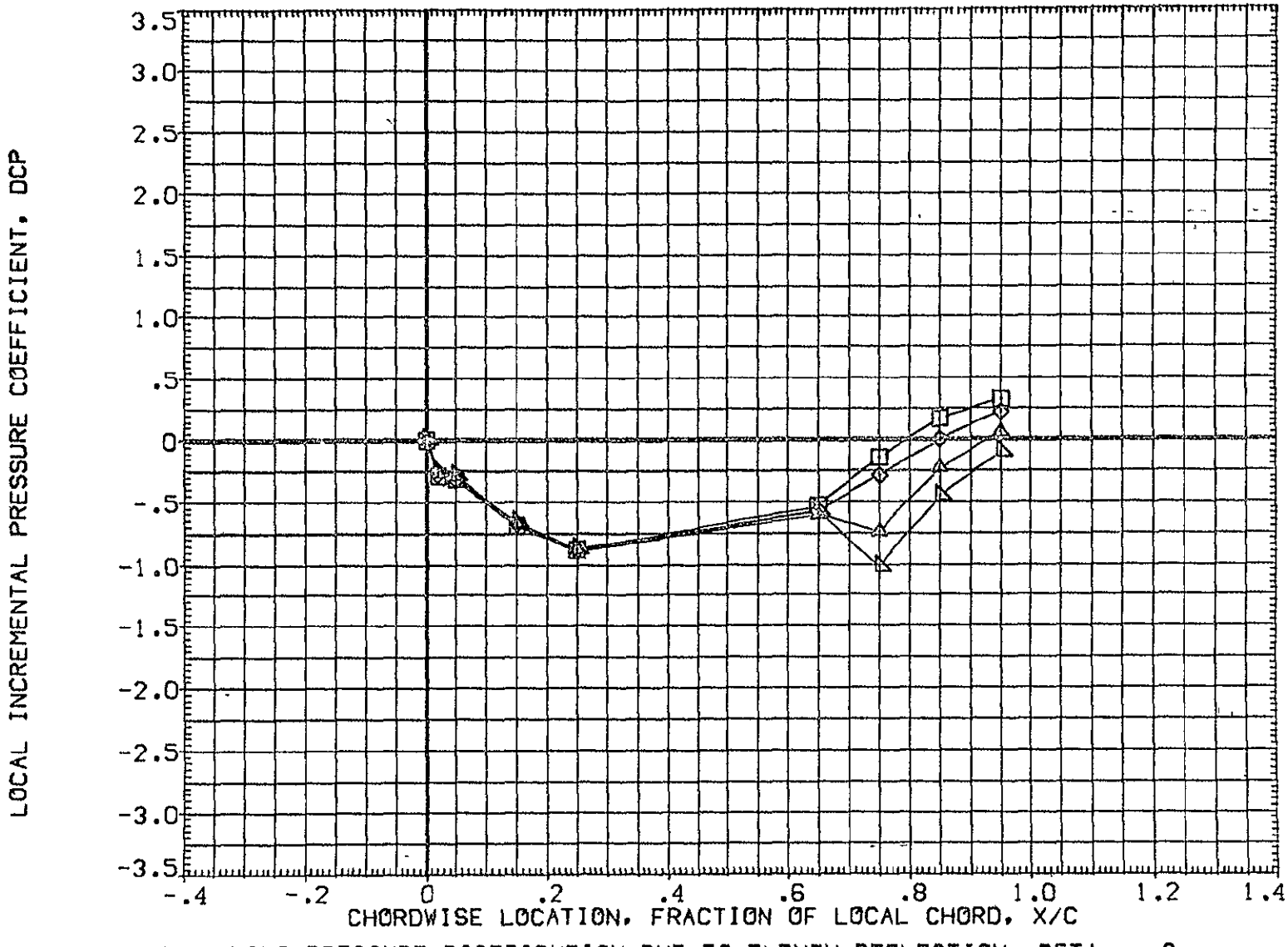

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

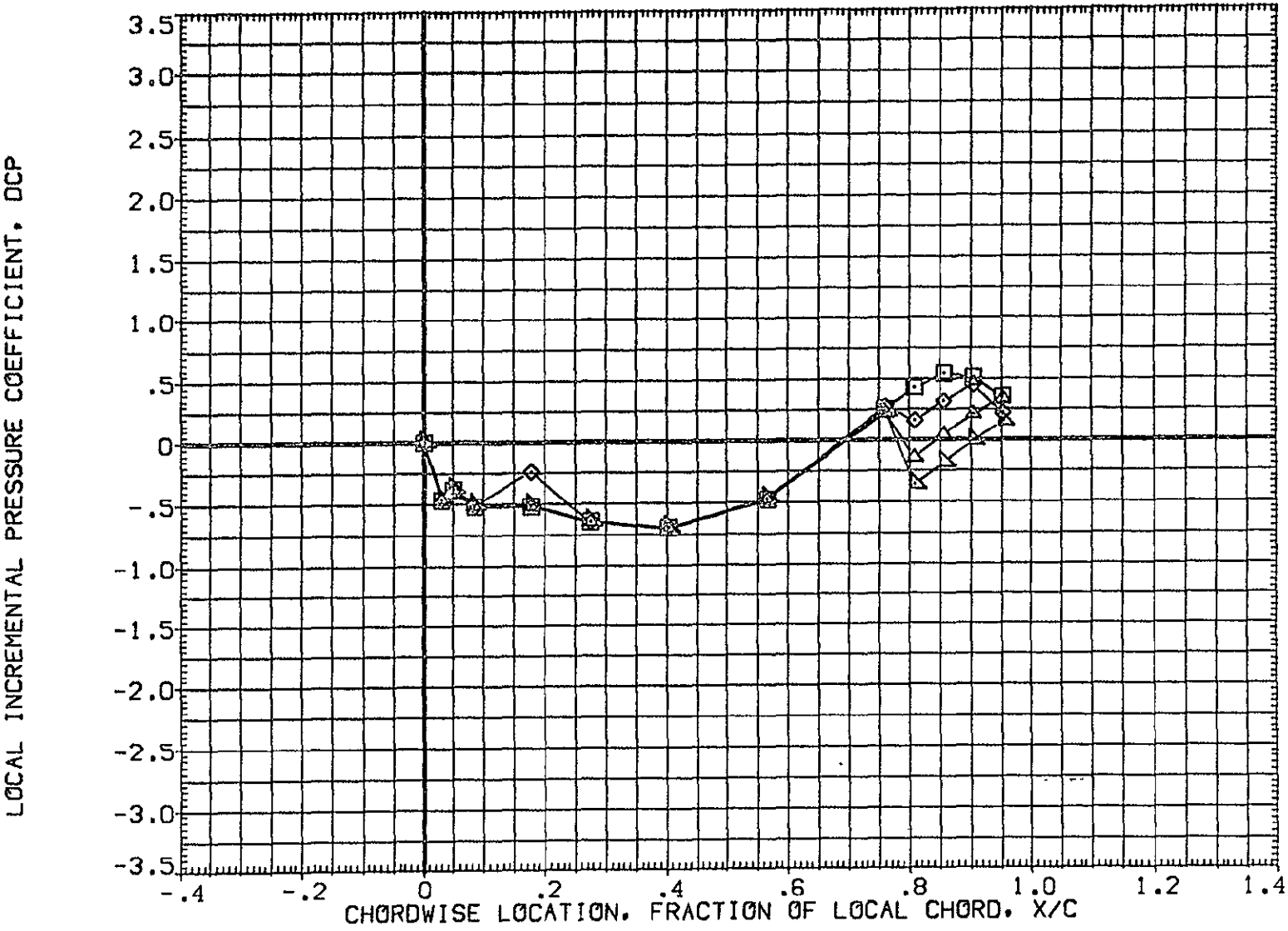

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

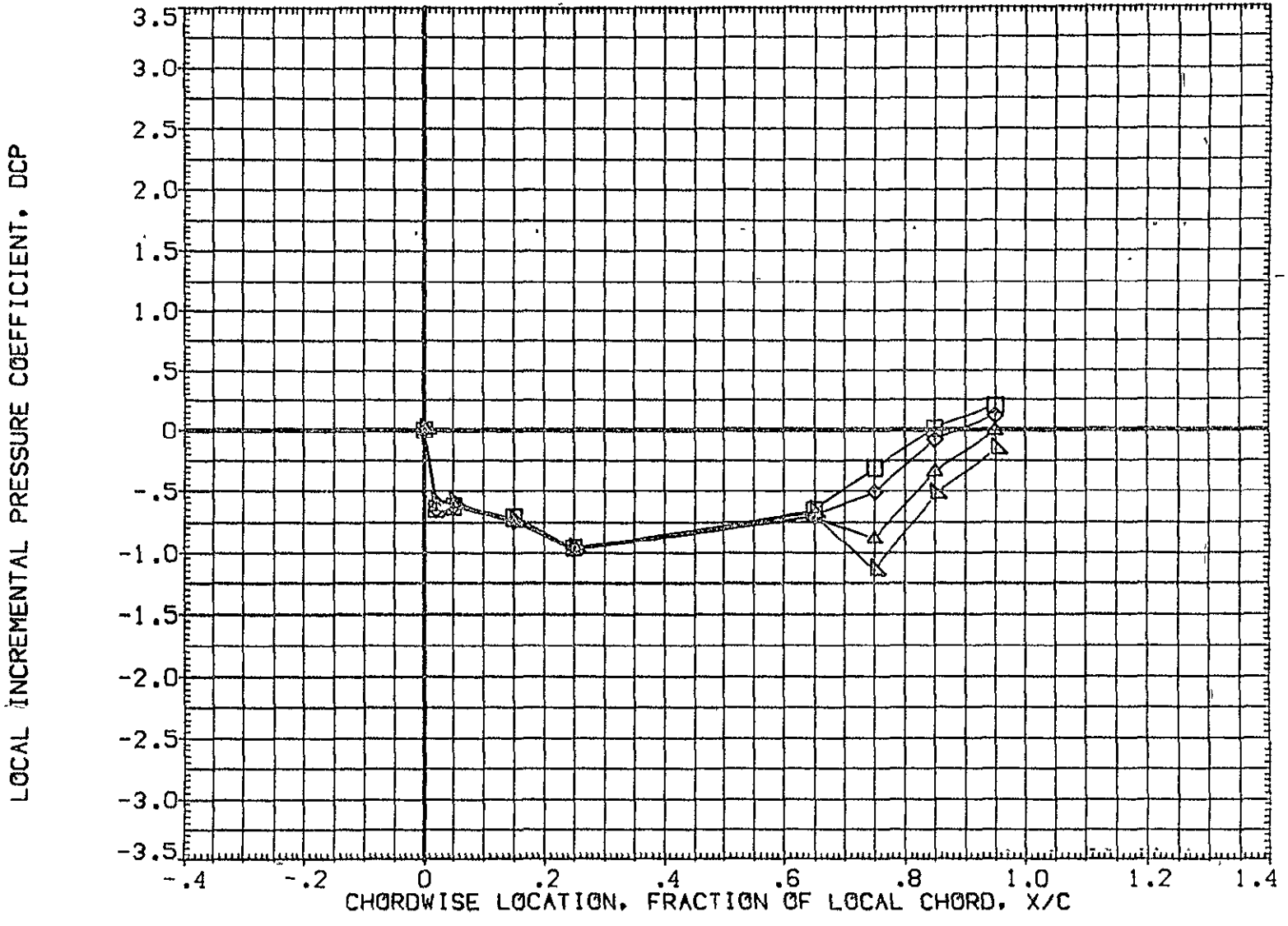

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

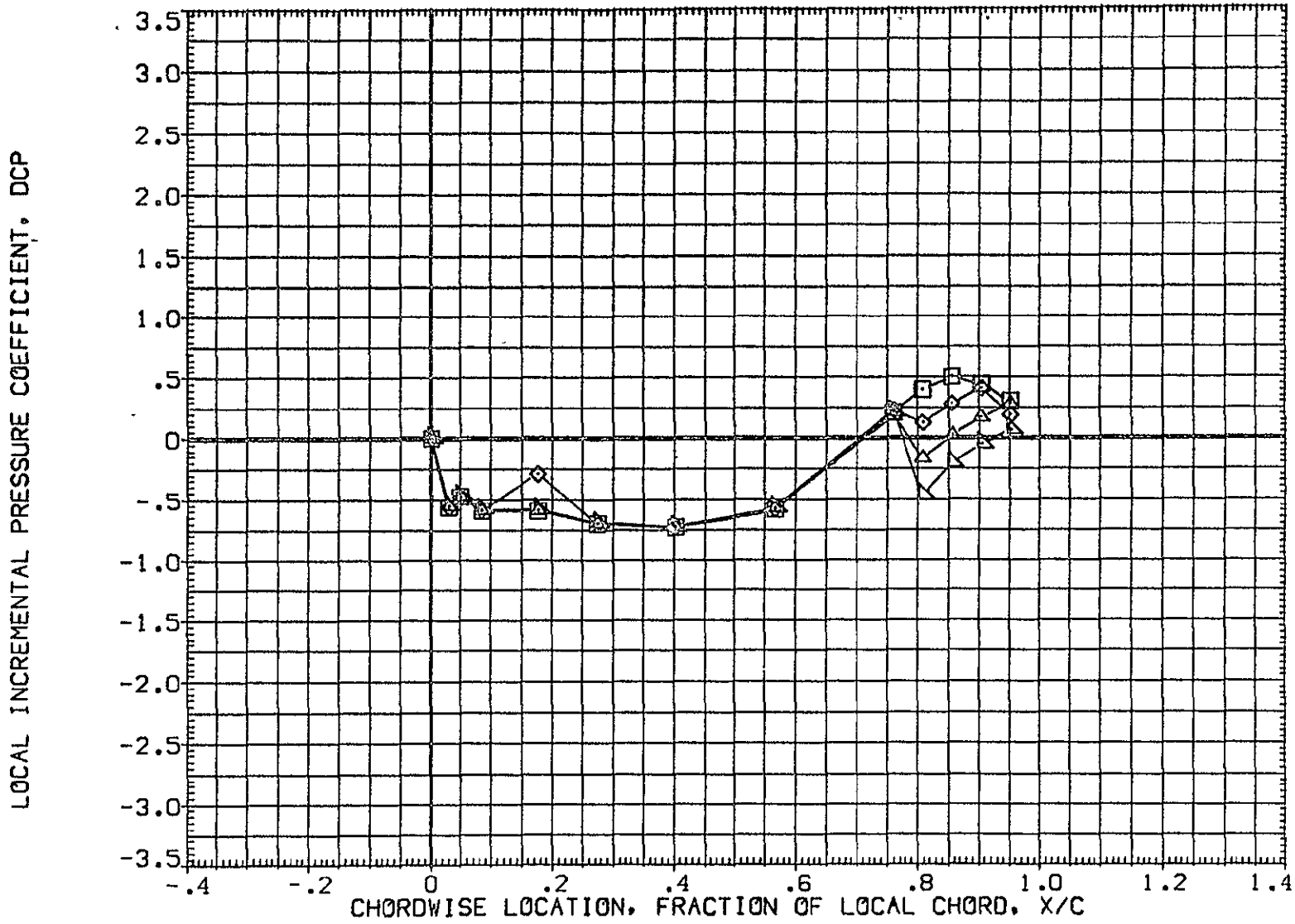

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

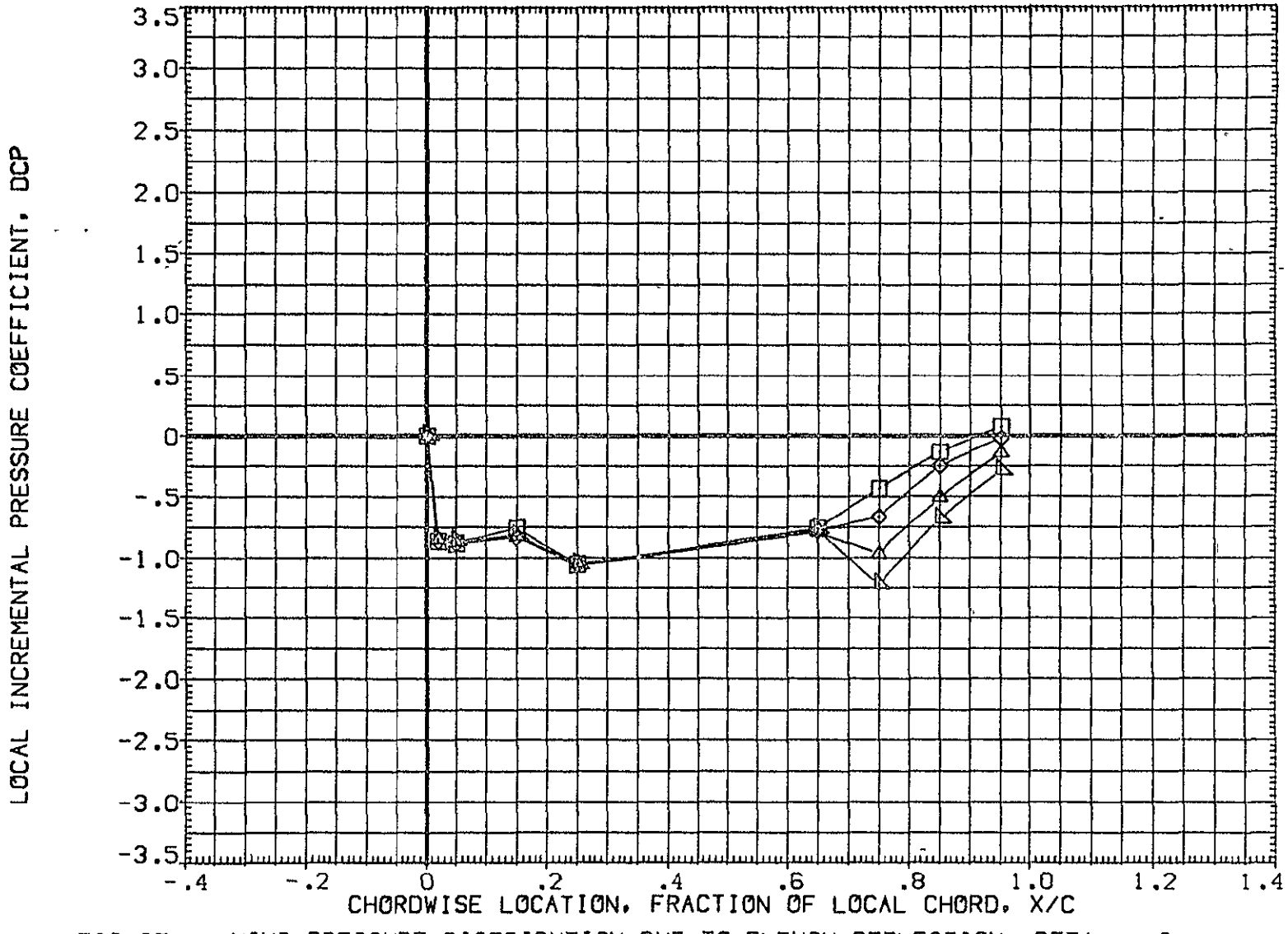

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

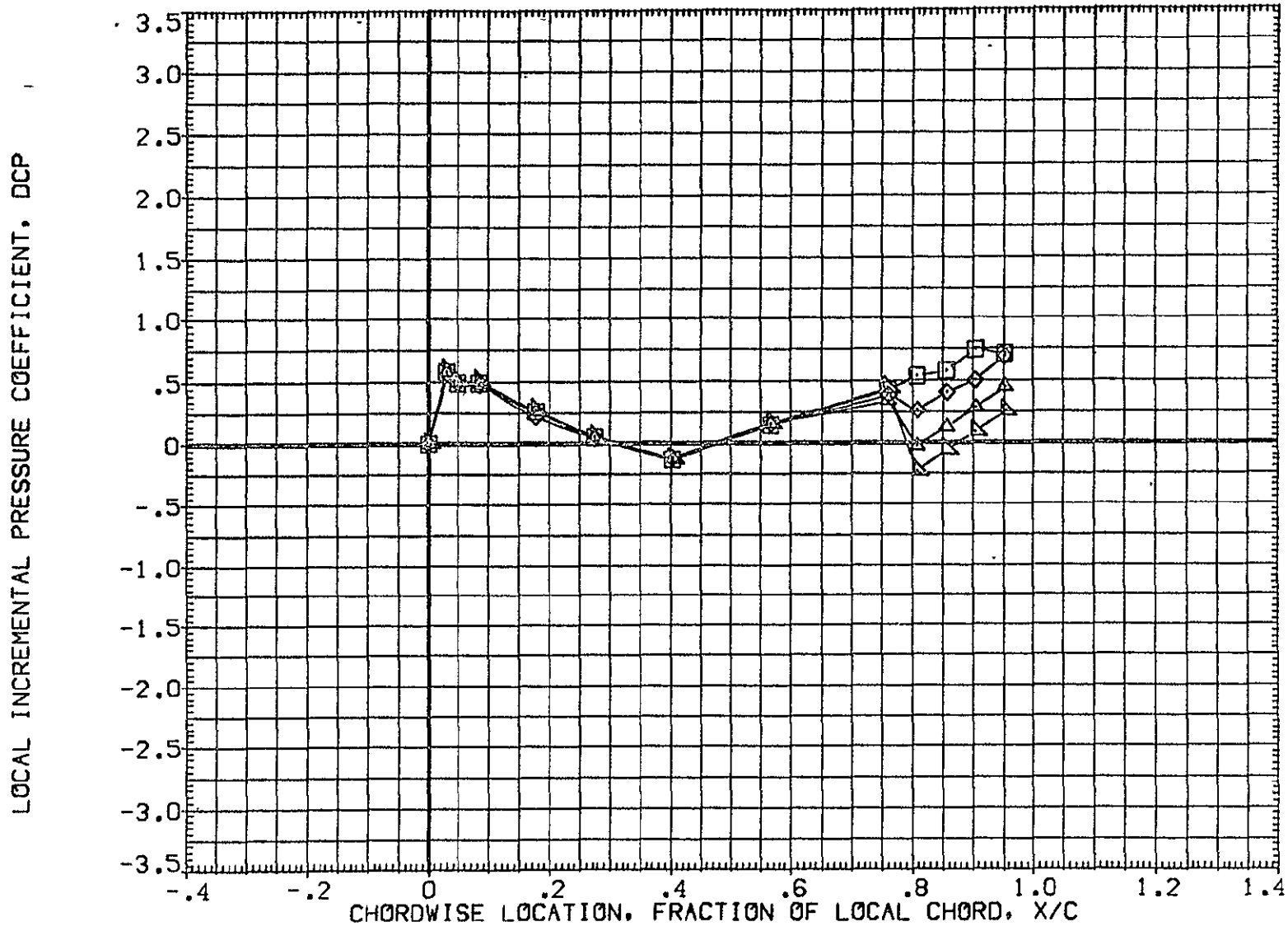

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)		IA70 01 TI2 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		IA70 01 TI2 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		IA70 01 TI2 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		IA70 01 TI2 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

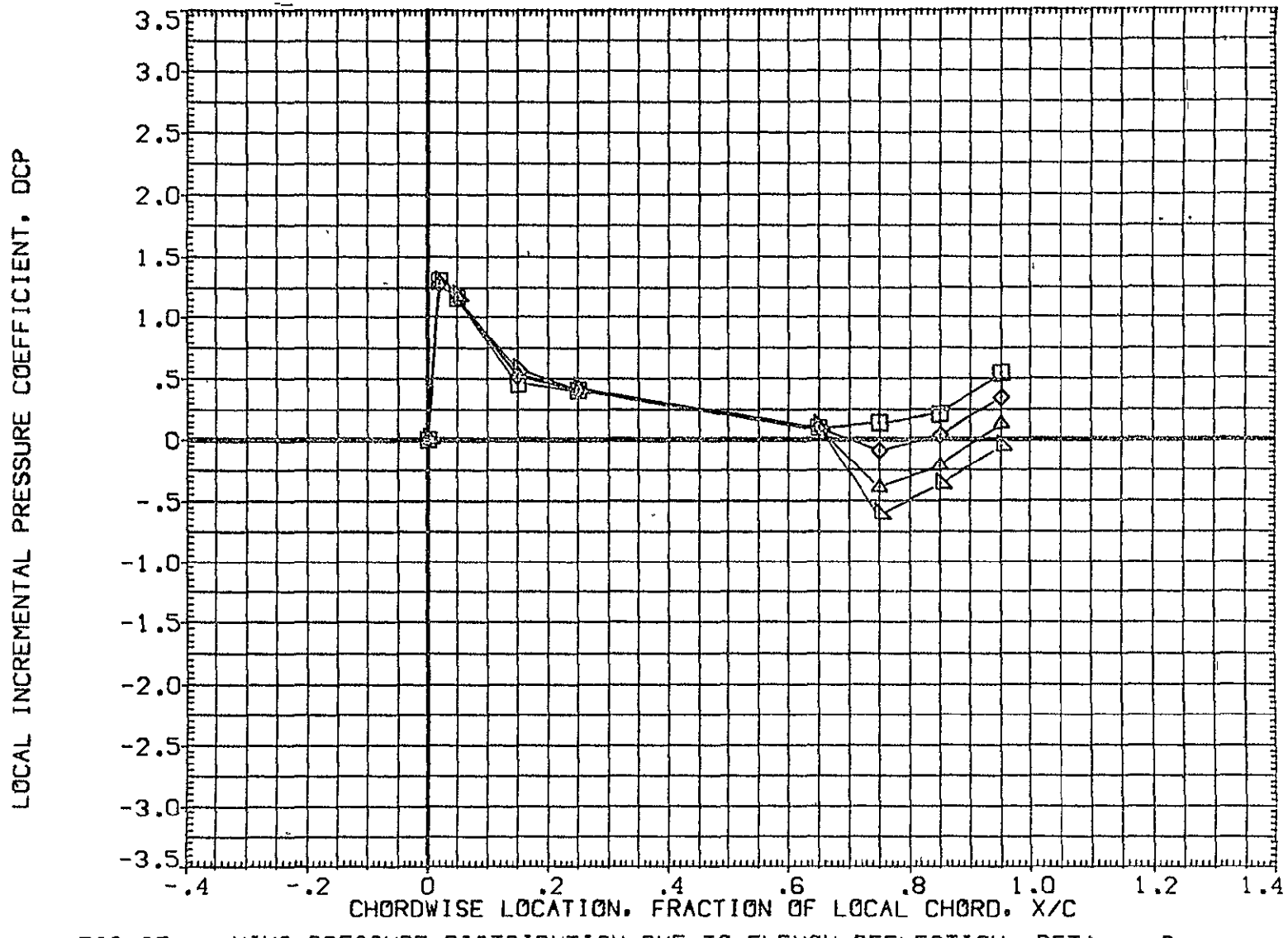

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

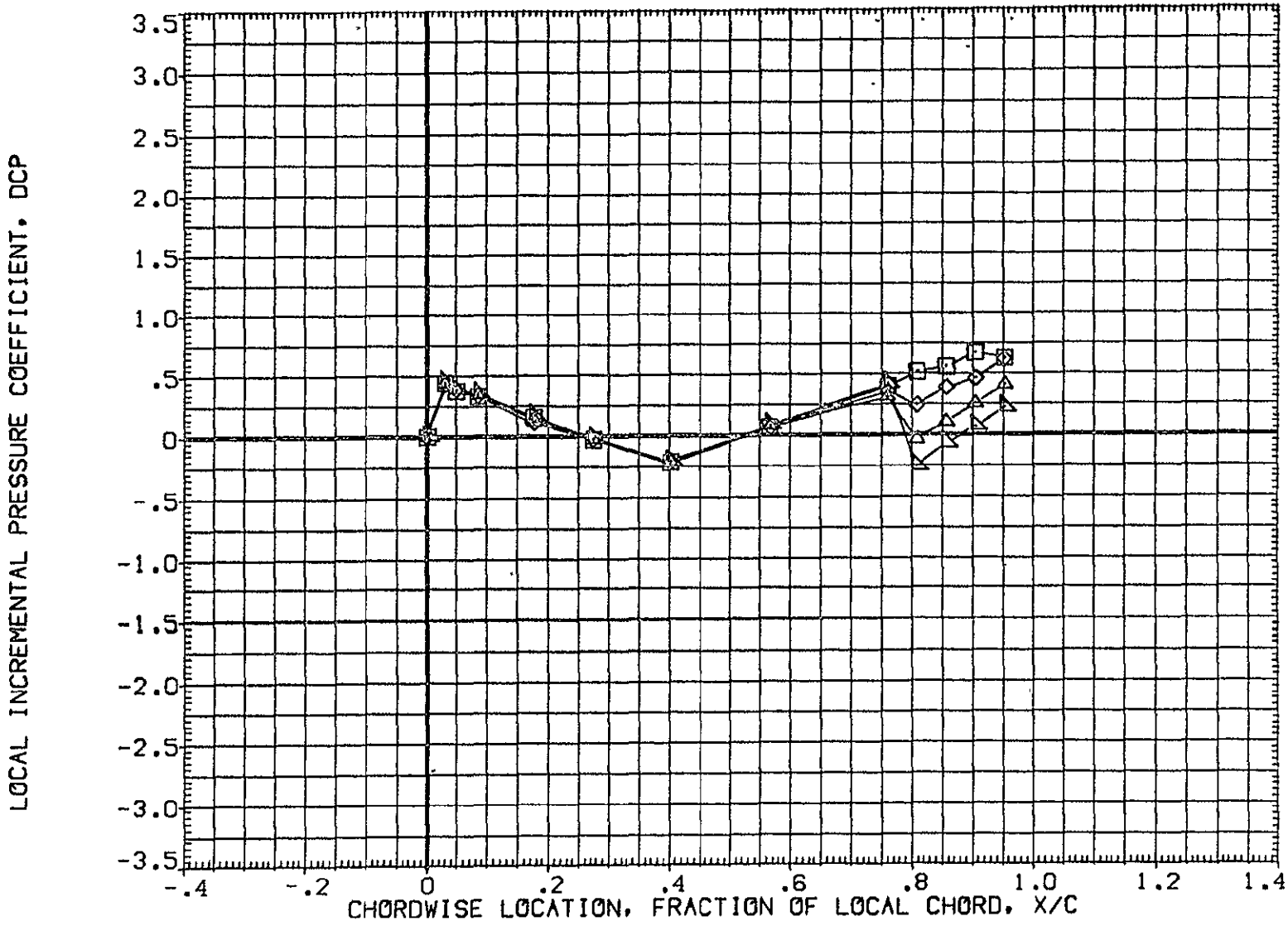

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

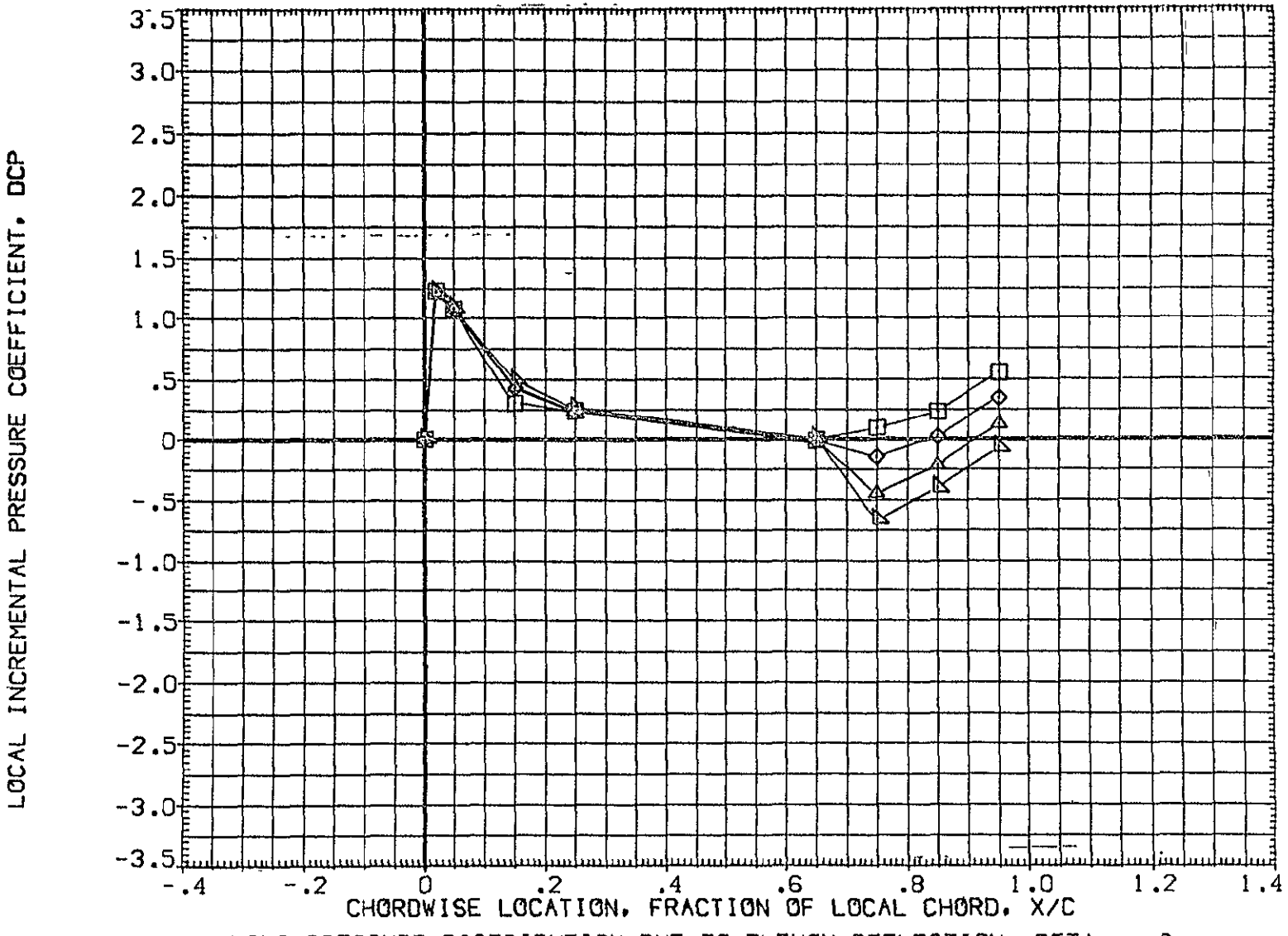

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

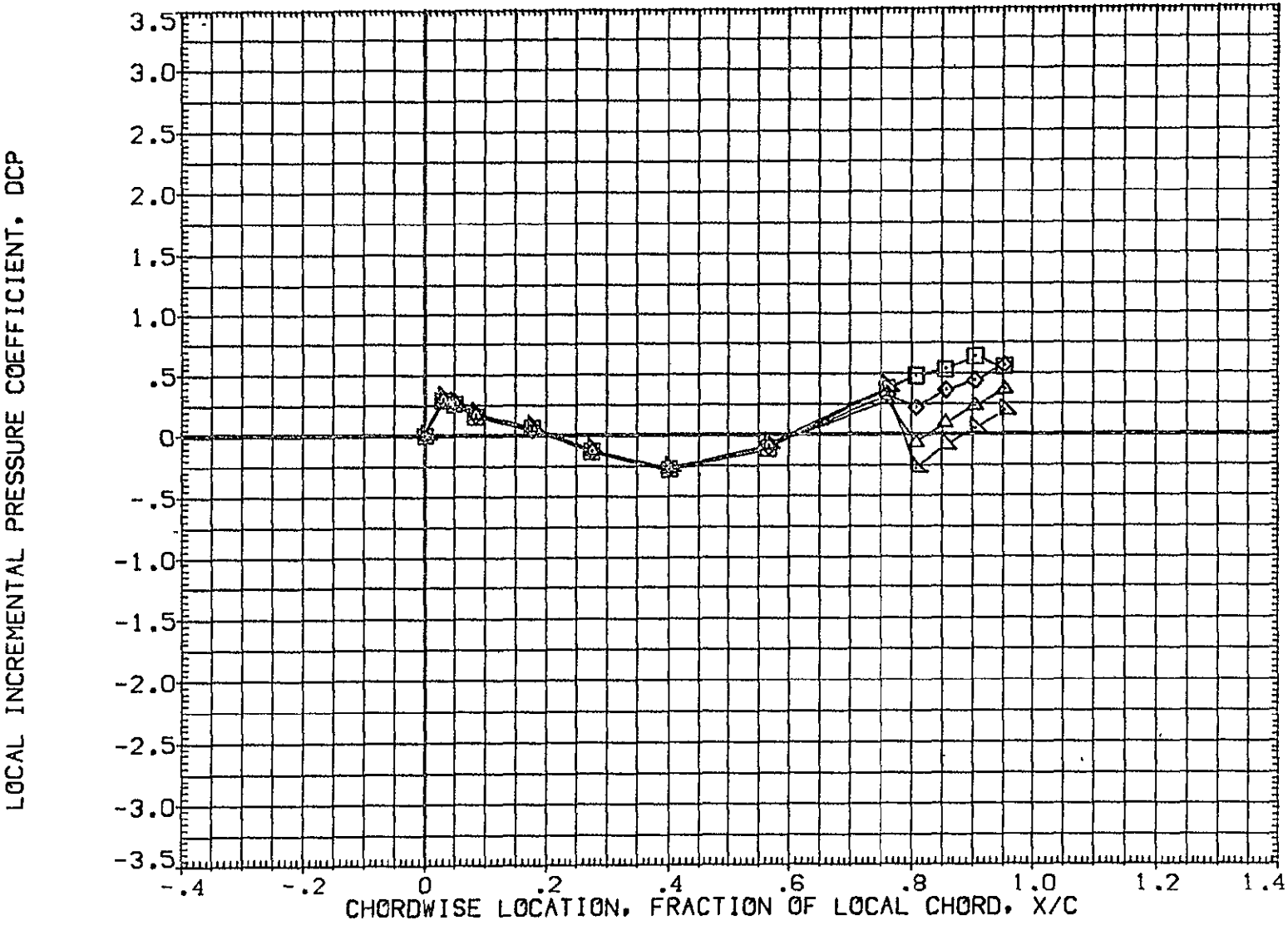

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▷	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

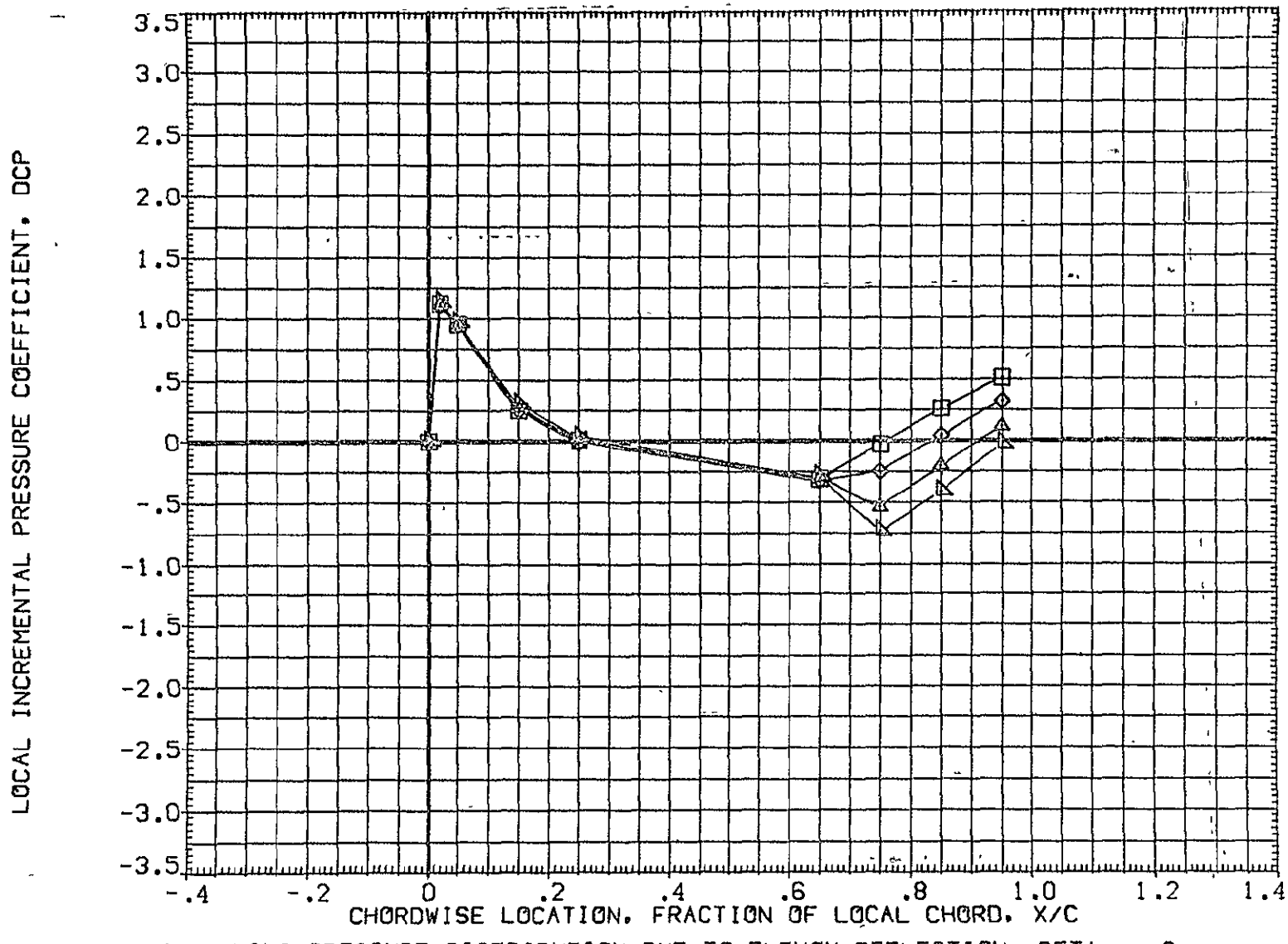

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

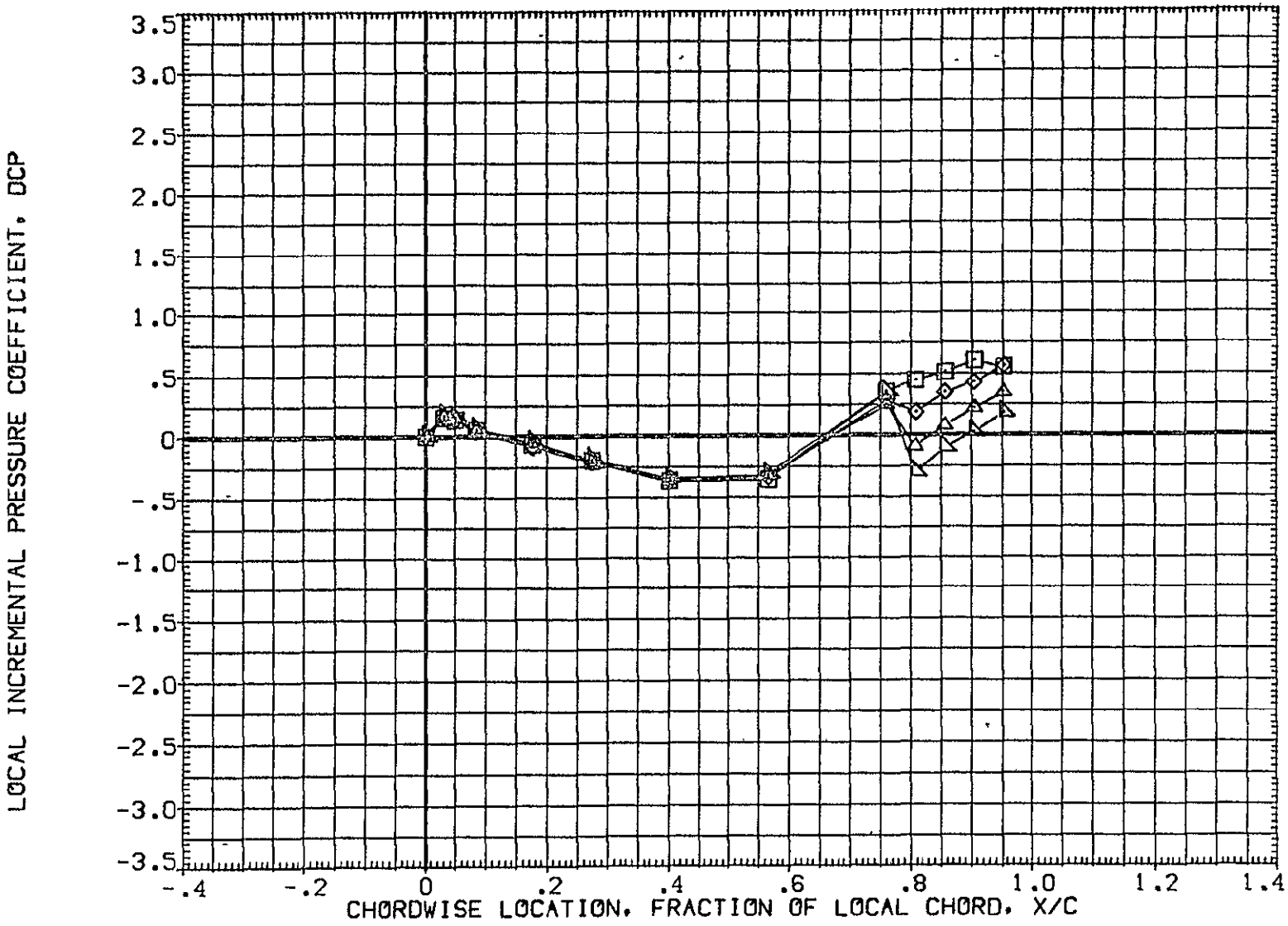

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

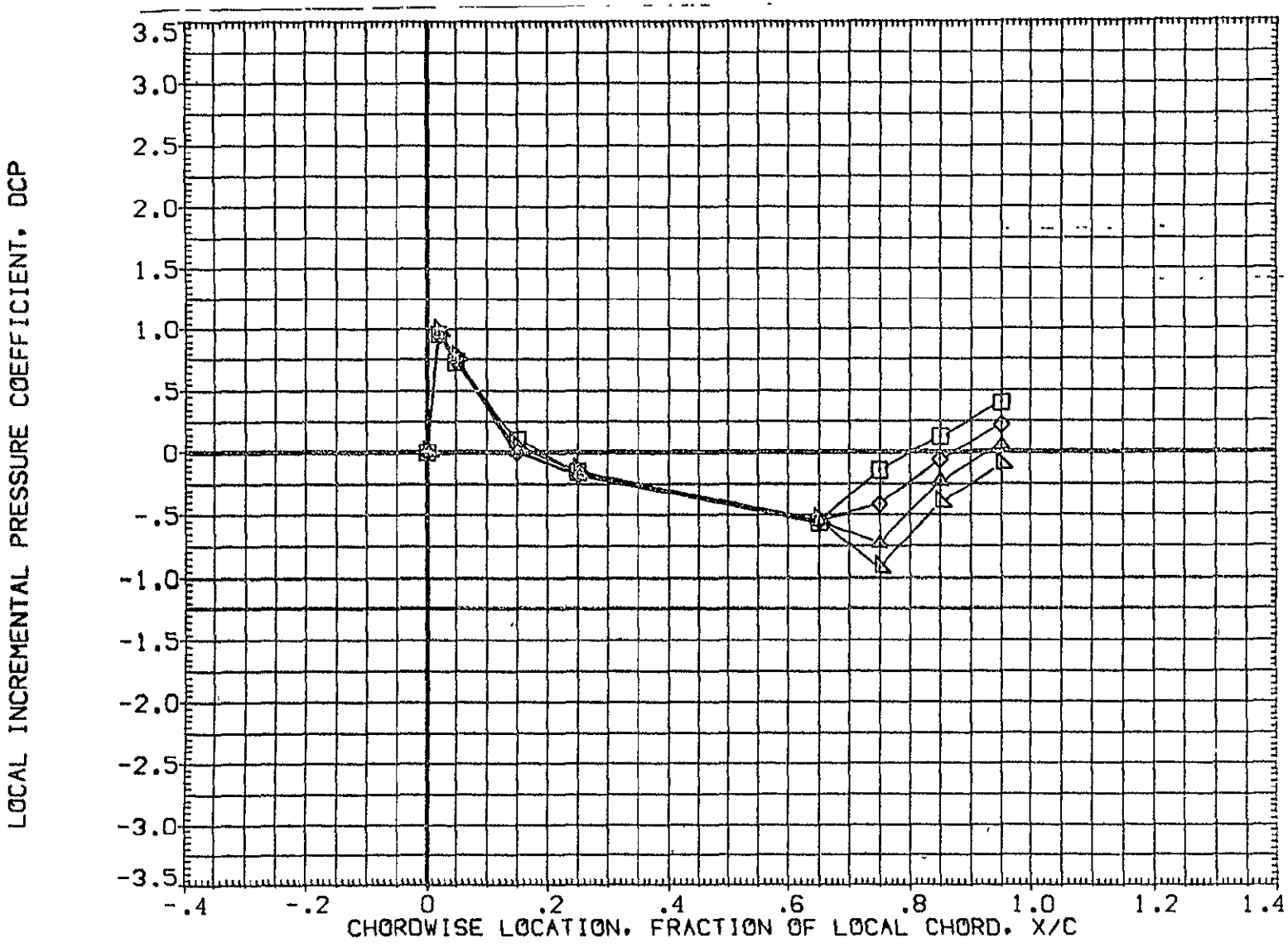

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

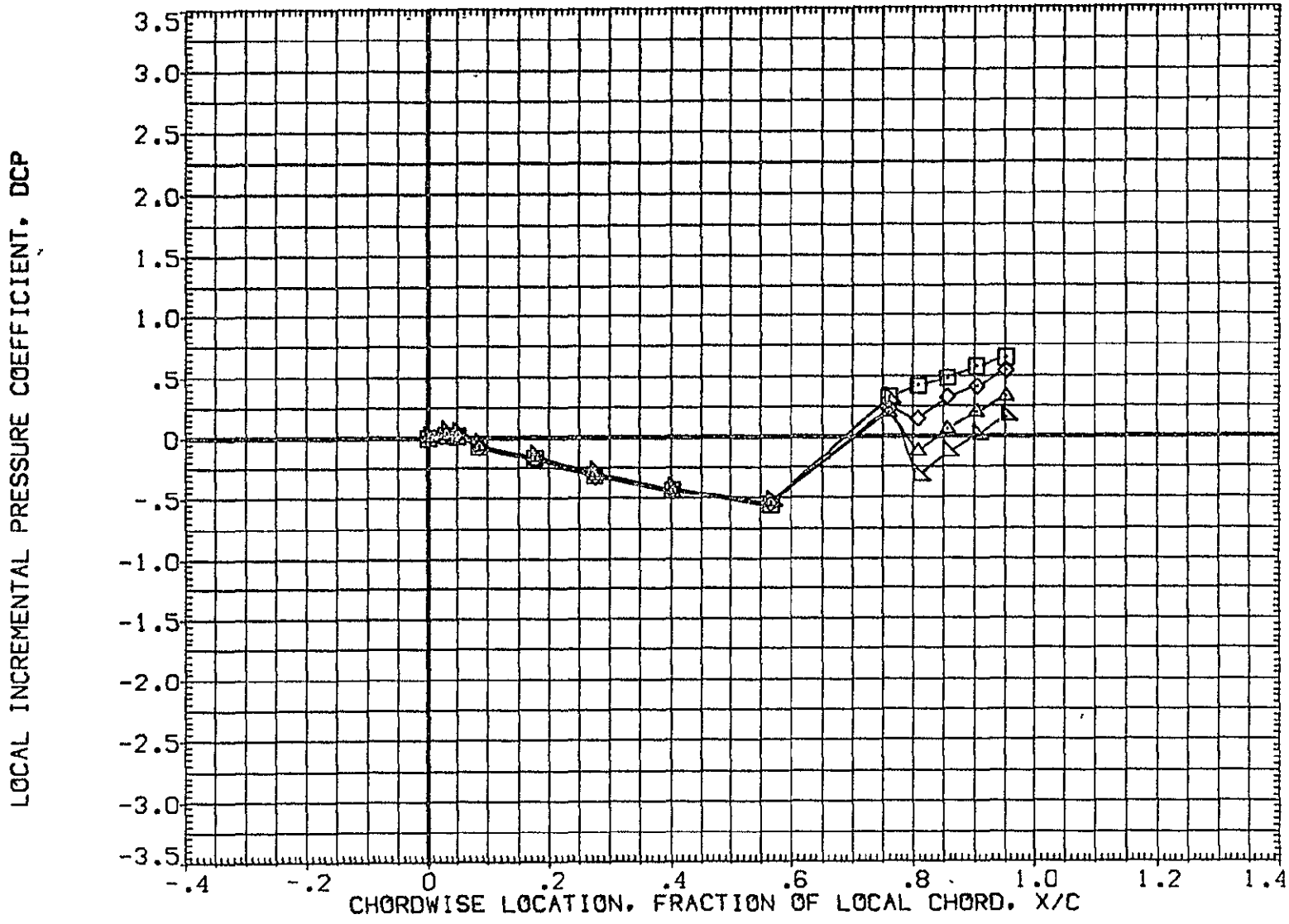

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

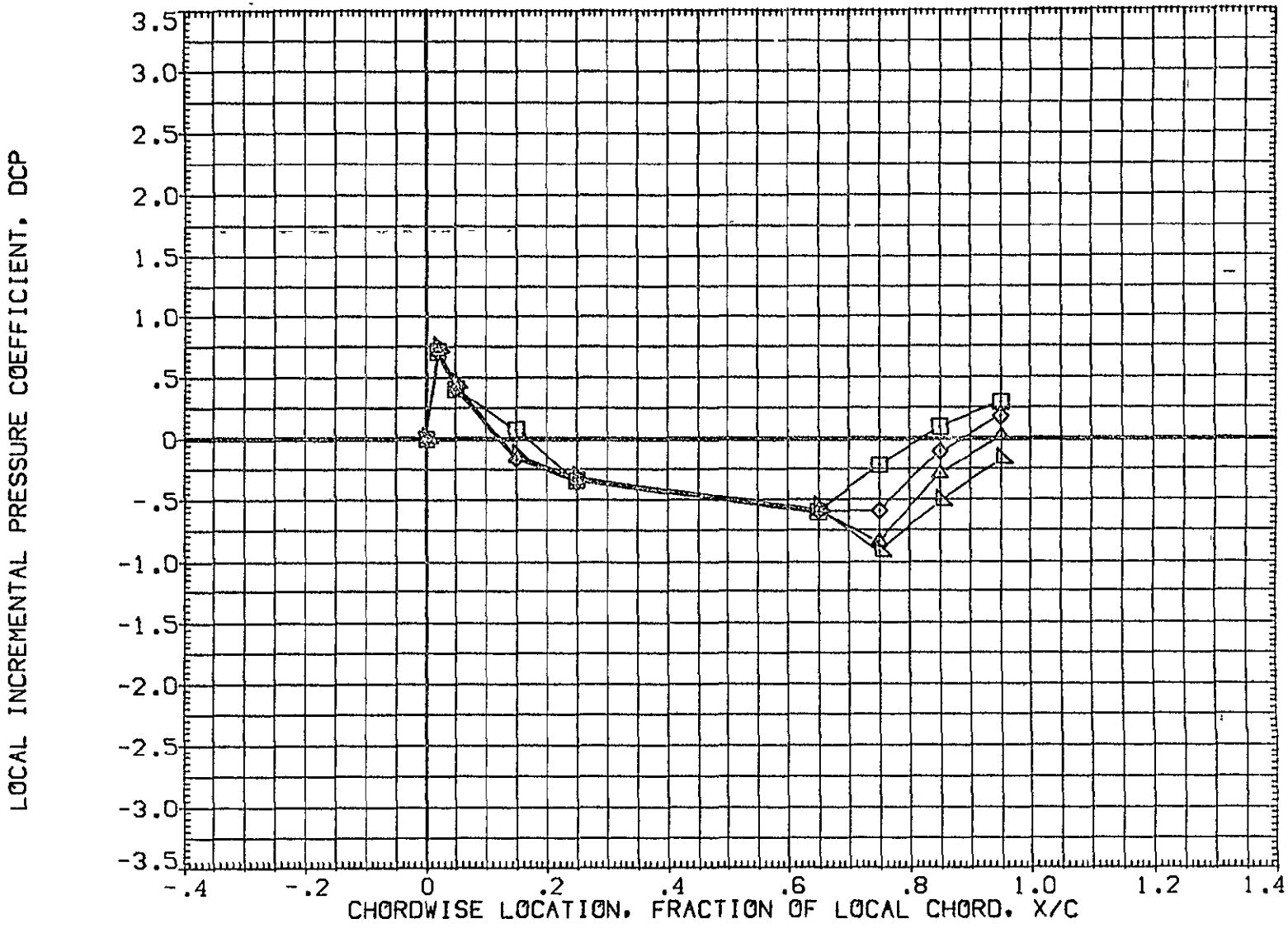

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	□	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7045)	◇	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	⊠	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	◪	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

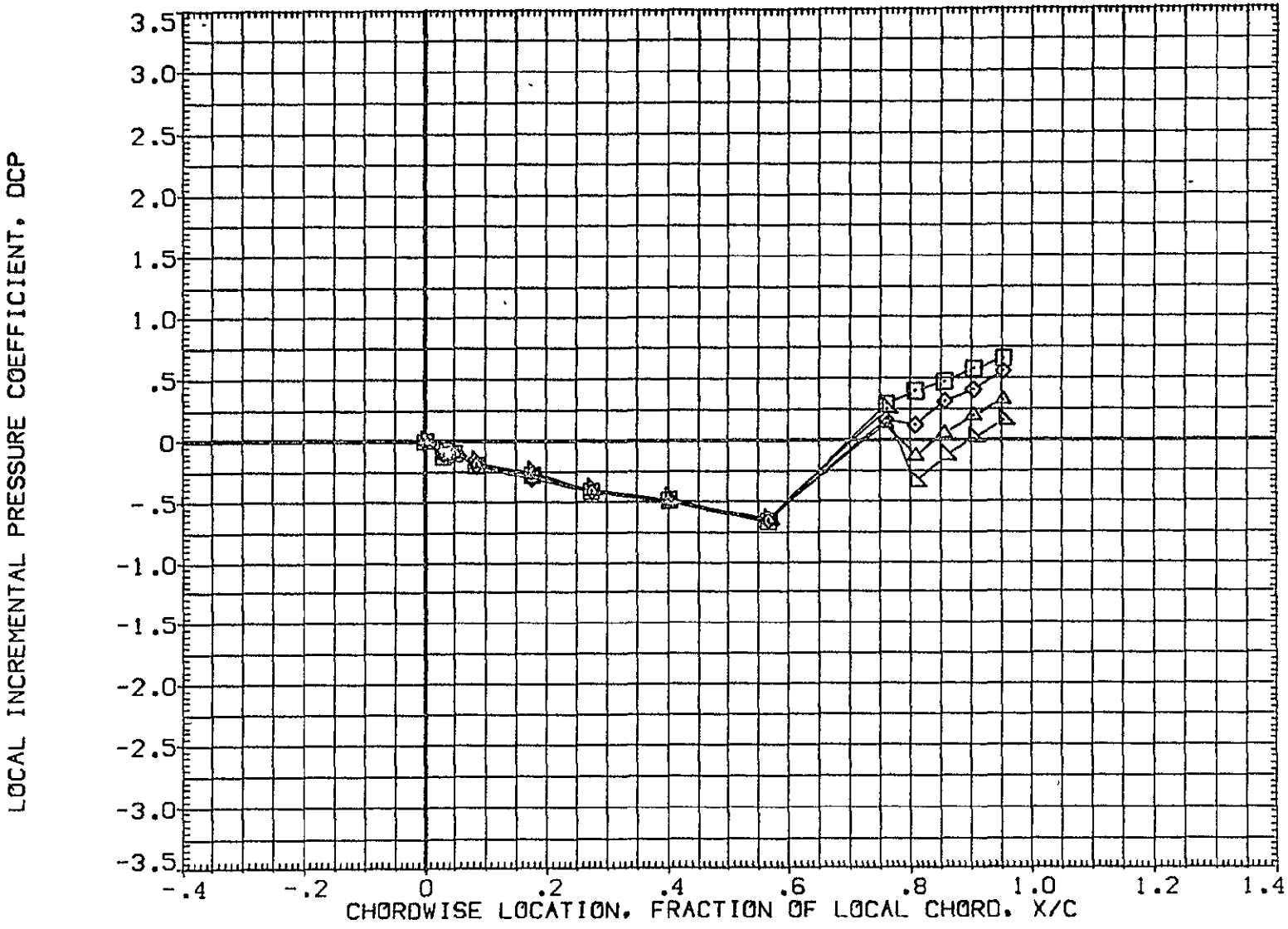

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

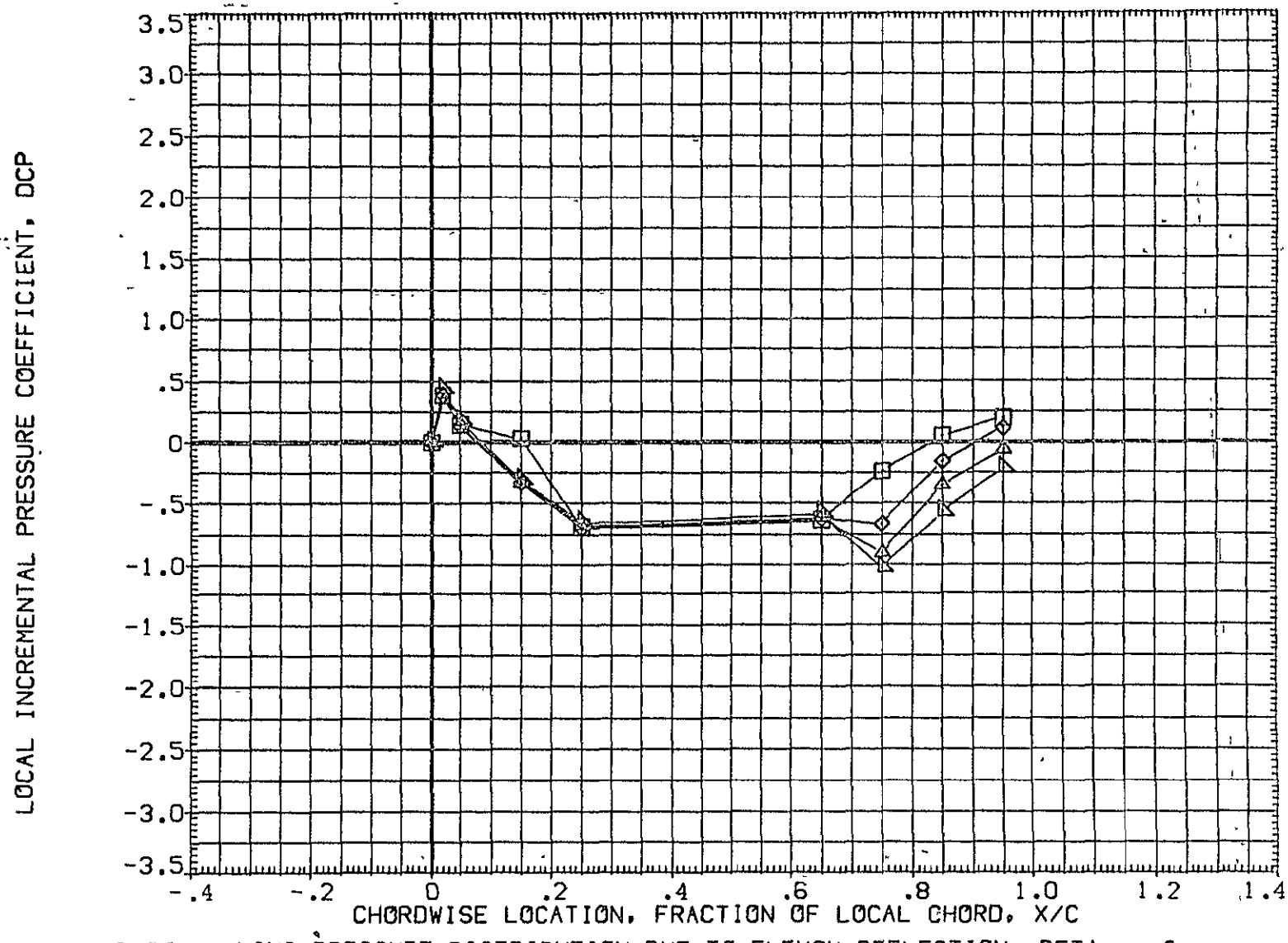

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

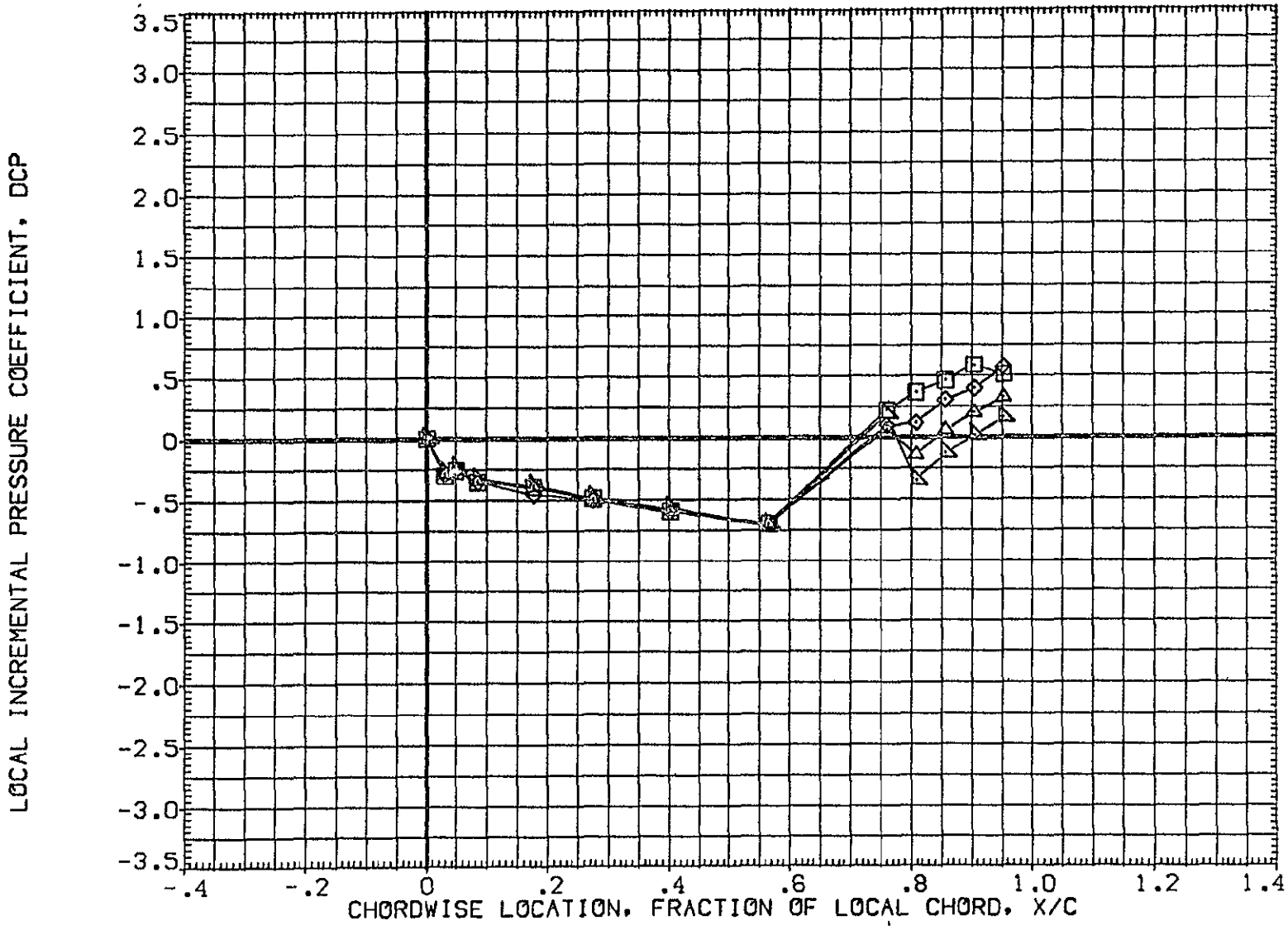

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064) ○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045) □	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050) ◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055) ◁	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060) △	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

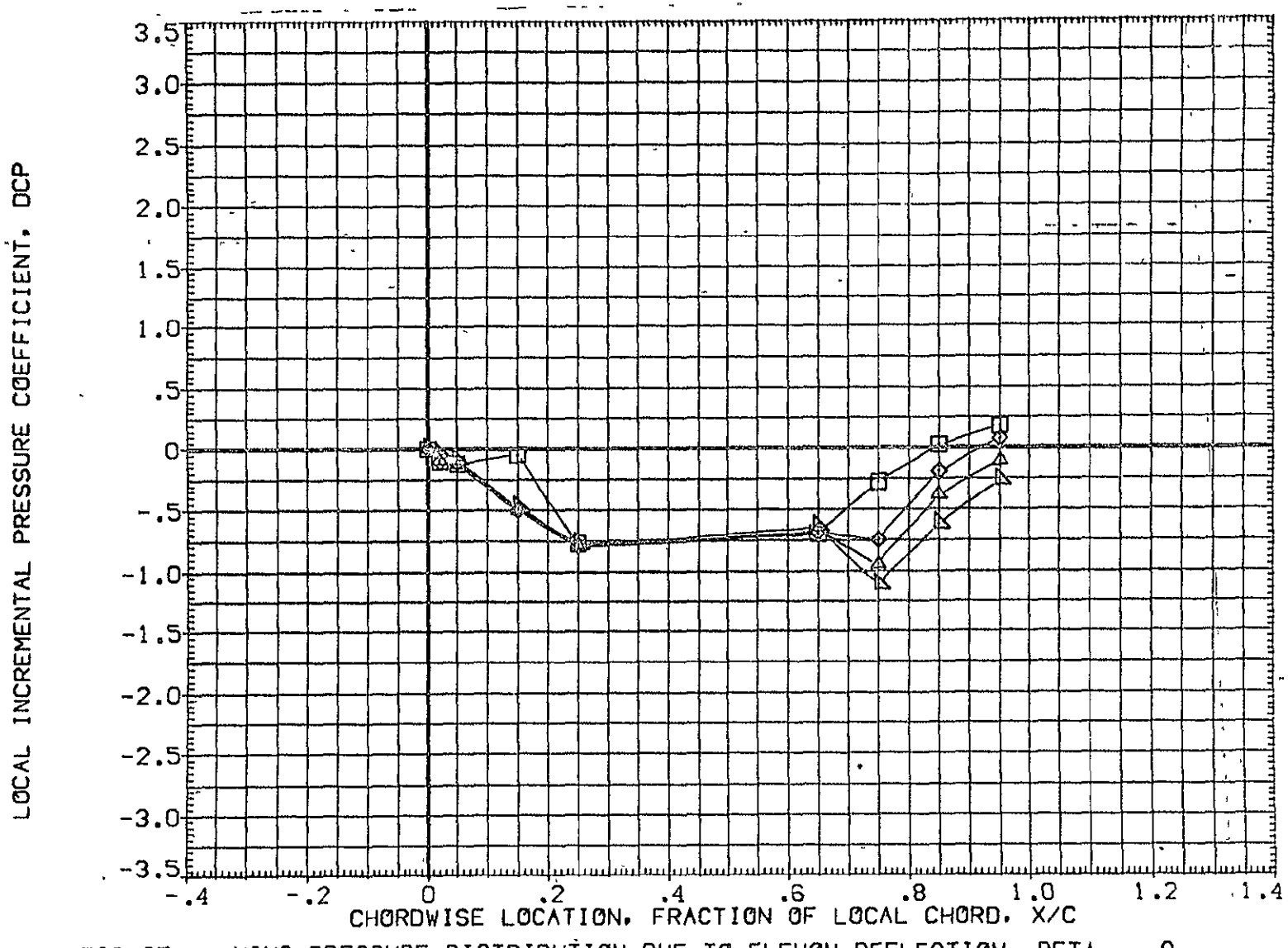

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

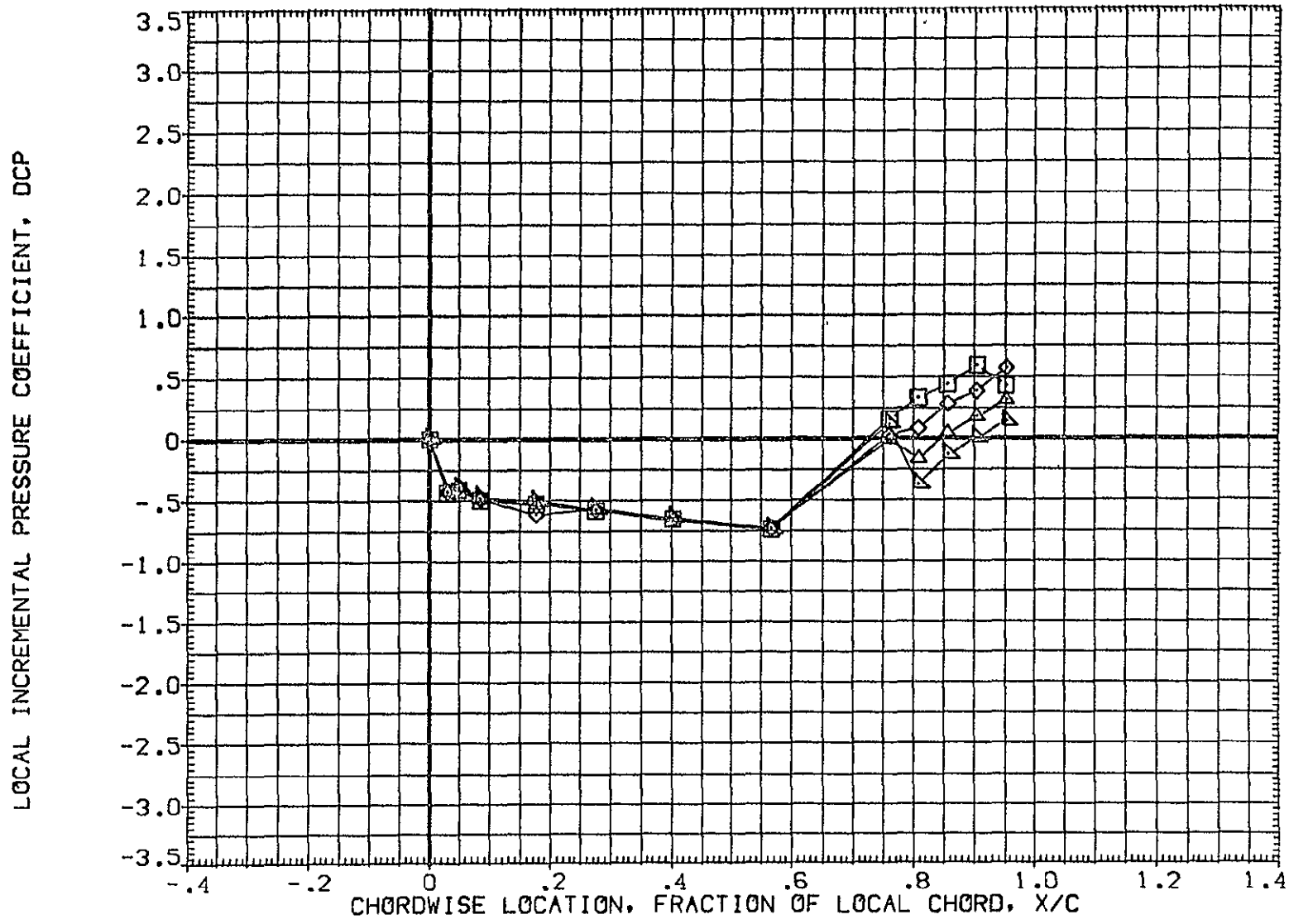

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE						-4.000	.000	-4.000	-4.000
(AF7045)	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

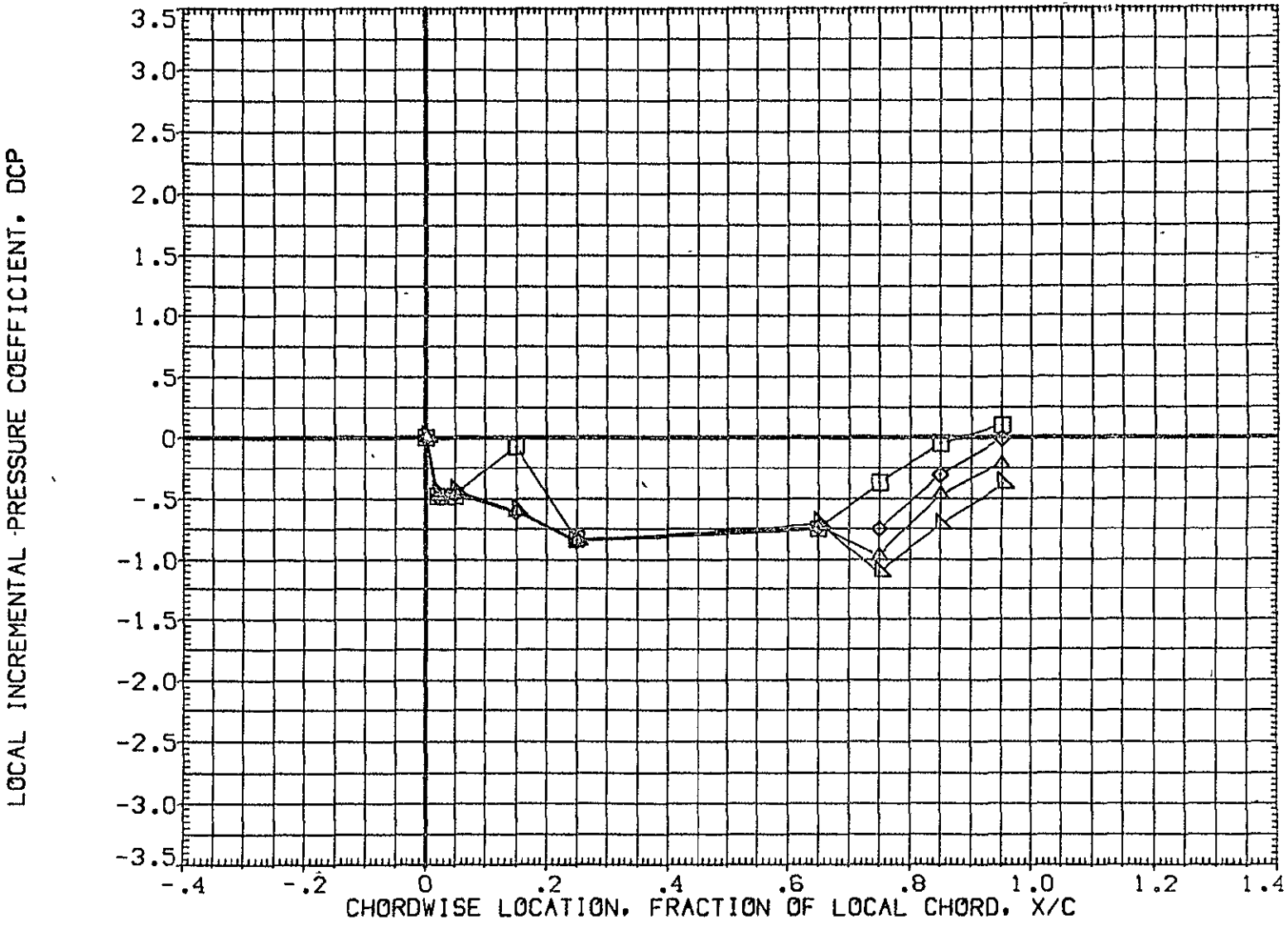

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

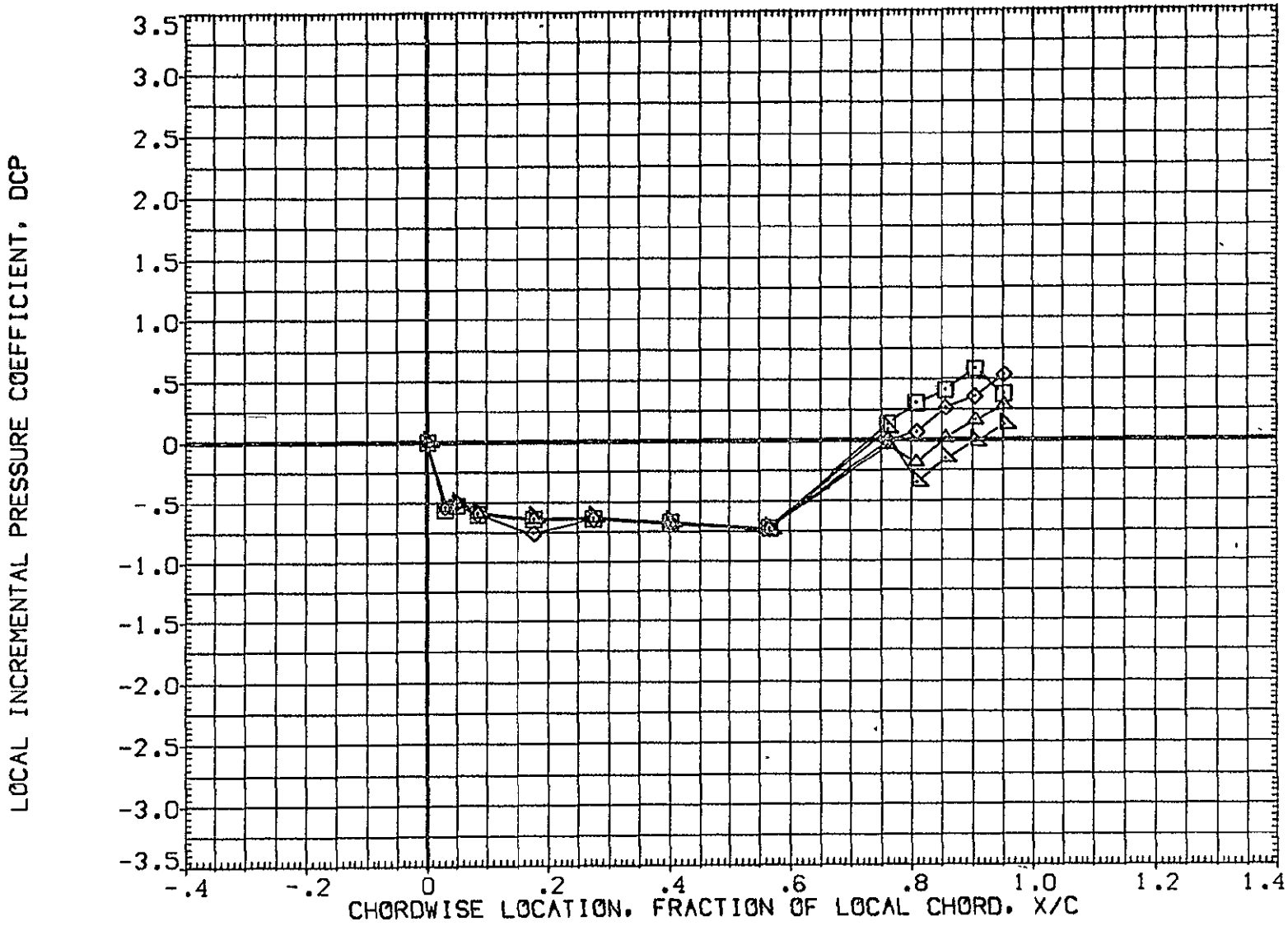

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE					-4.000	.000	-4.000	-4.000
(AF7045)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7050)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7055)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7060)	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

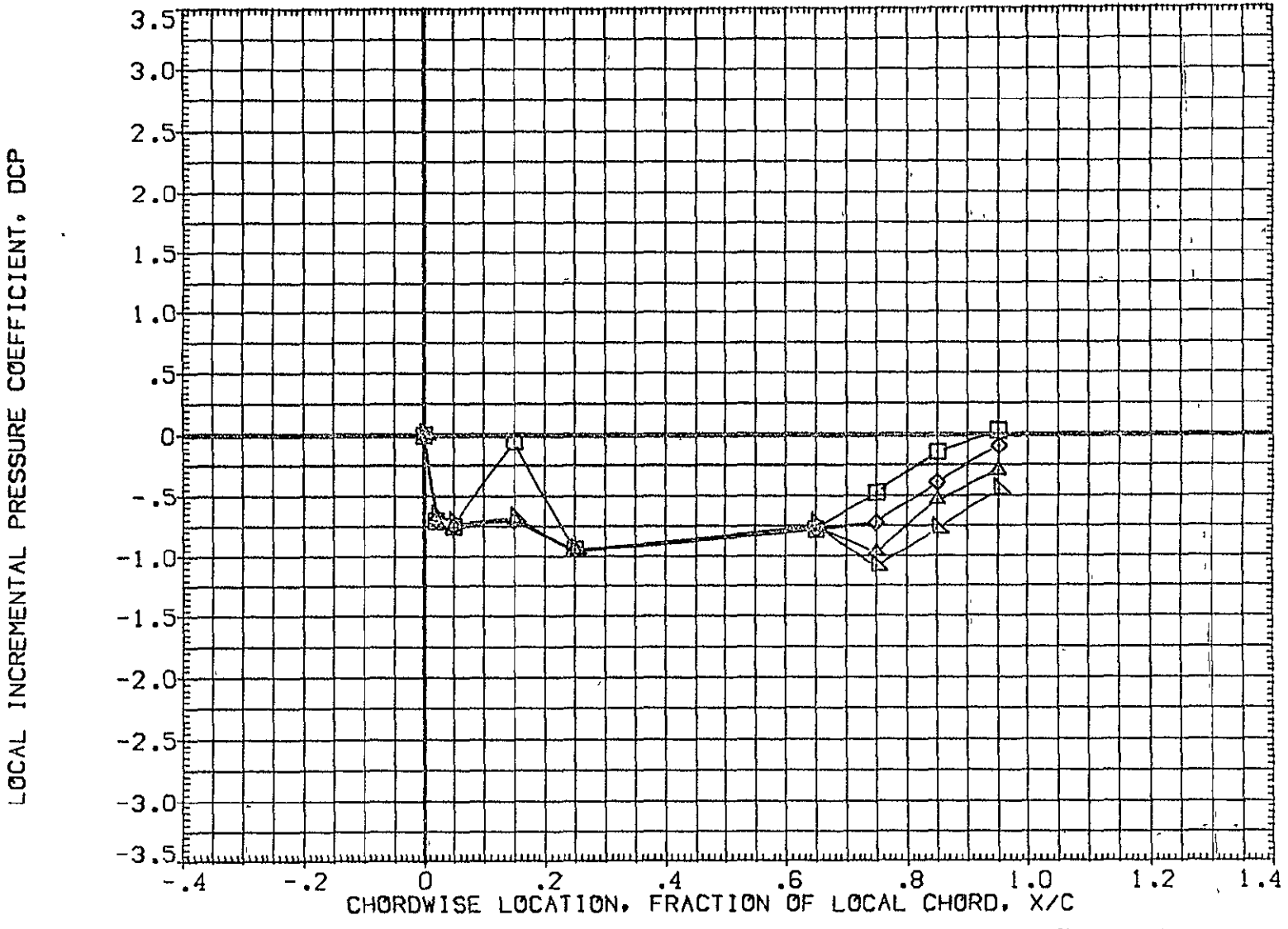

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	IA70	01	T12	S1	P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	IA70	01	T12	S1	P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70	01	T12	S1	P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70	01	T12	S1	P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70	01	T12	S1	P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

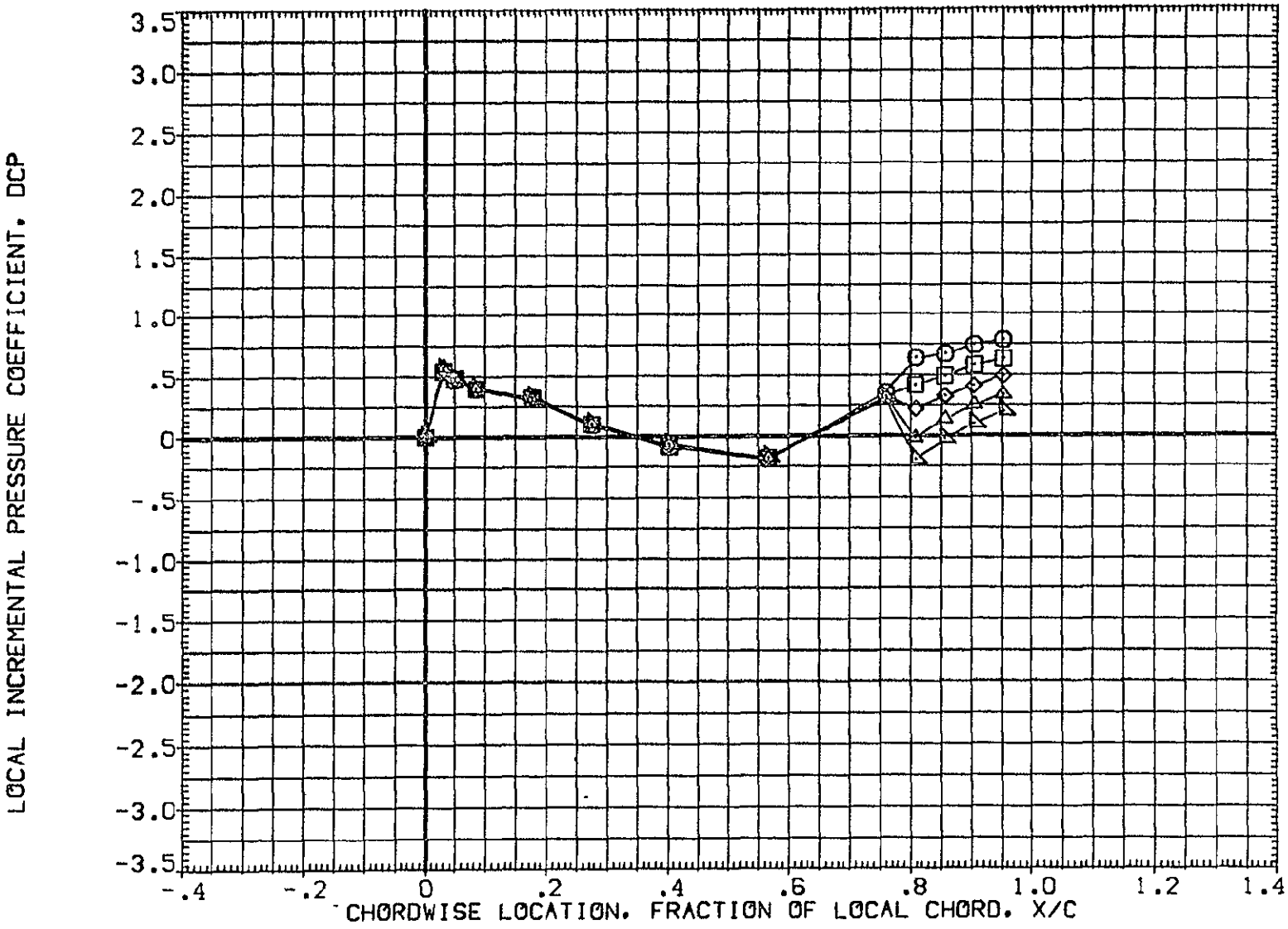

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

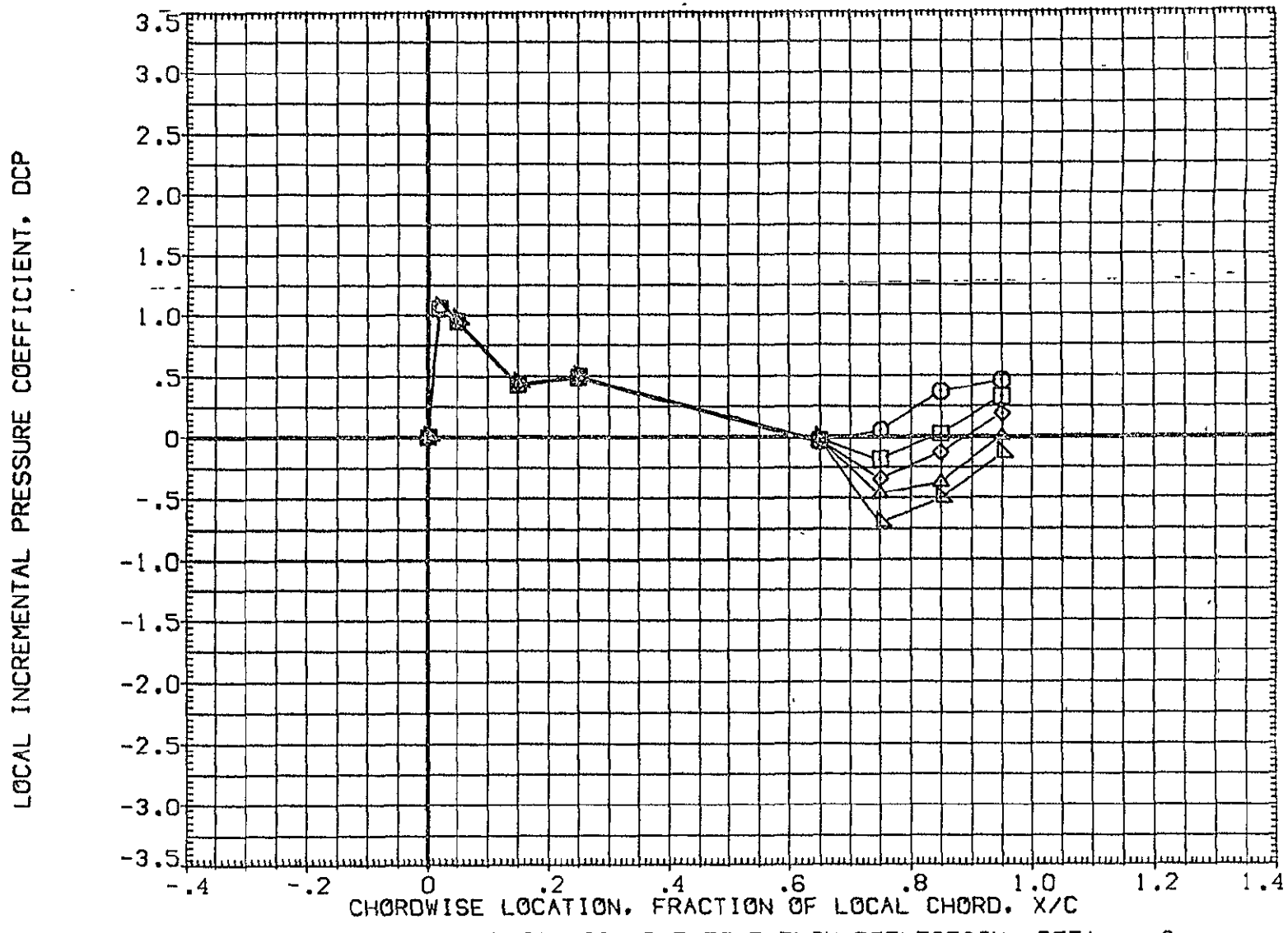

FIG 27 WING PRESSURE DISTRIBUTION DUE-TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▷	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

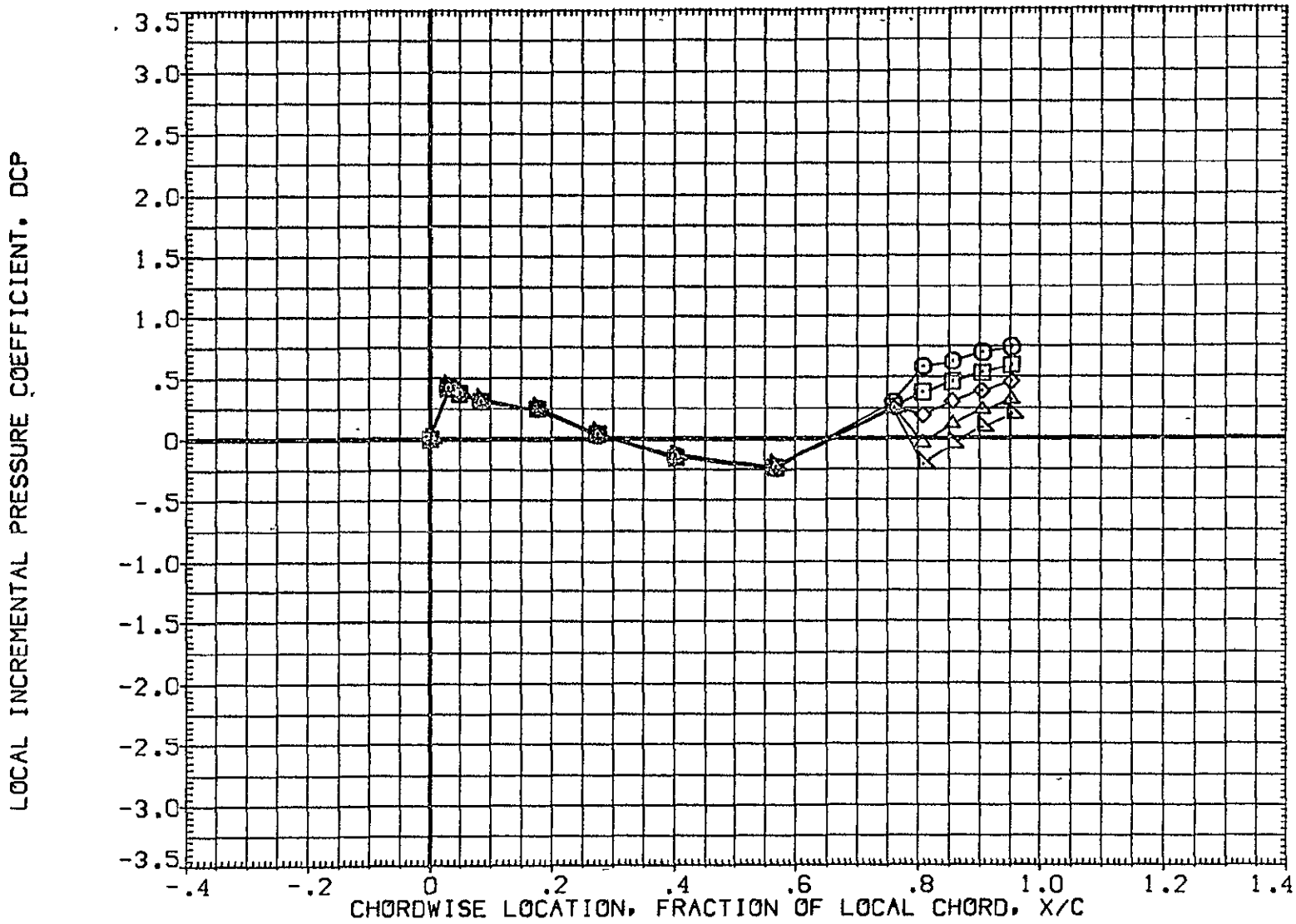

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			-4.000	.000	-4.000	-4.000
(AF7045)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7050)	⋈	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7055)	▽	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7060)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

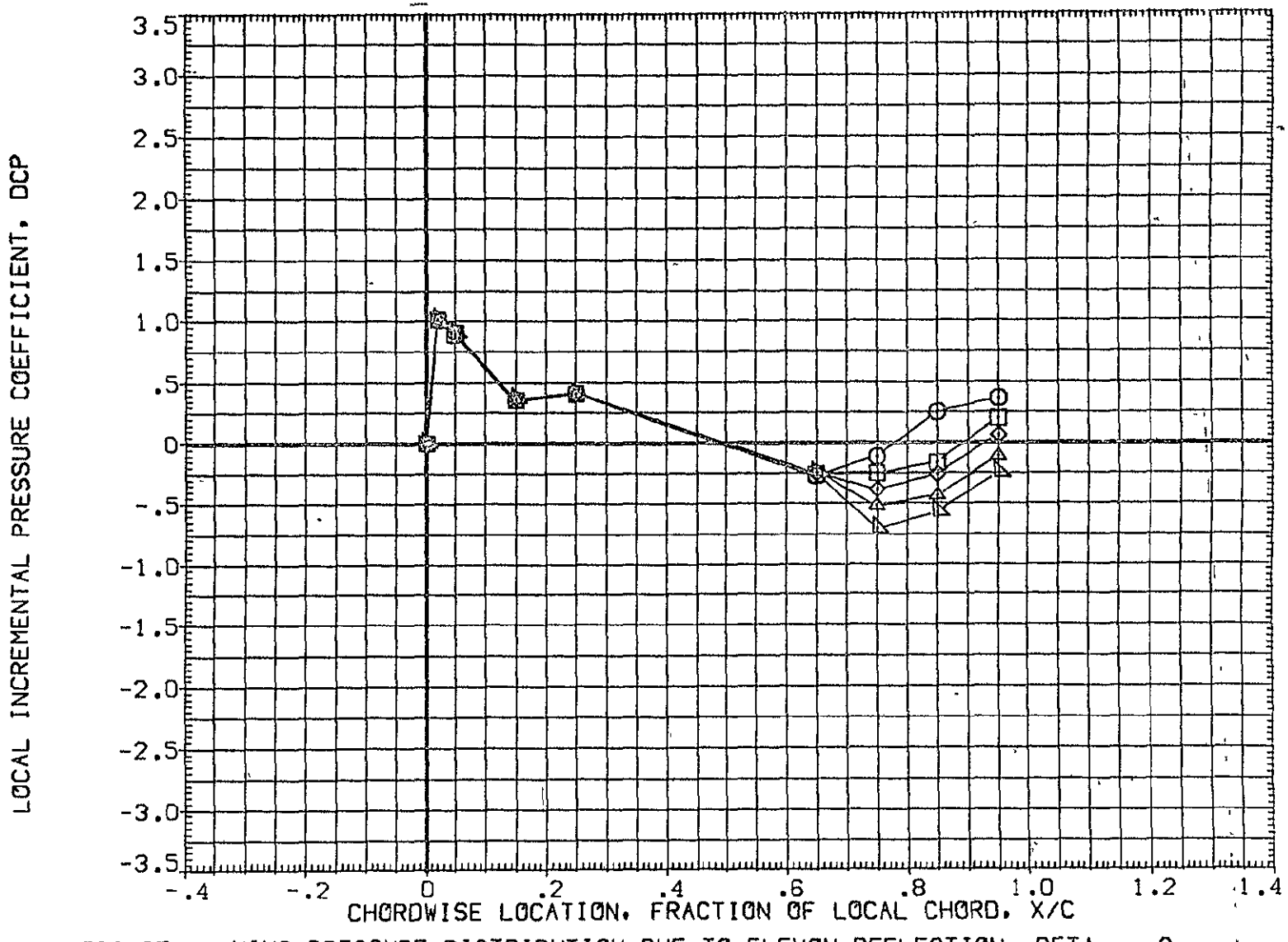

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	IA70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	IA70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

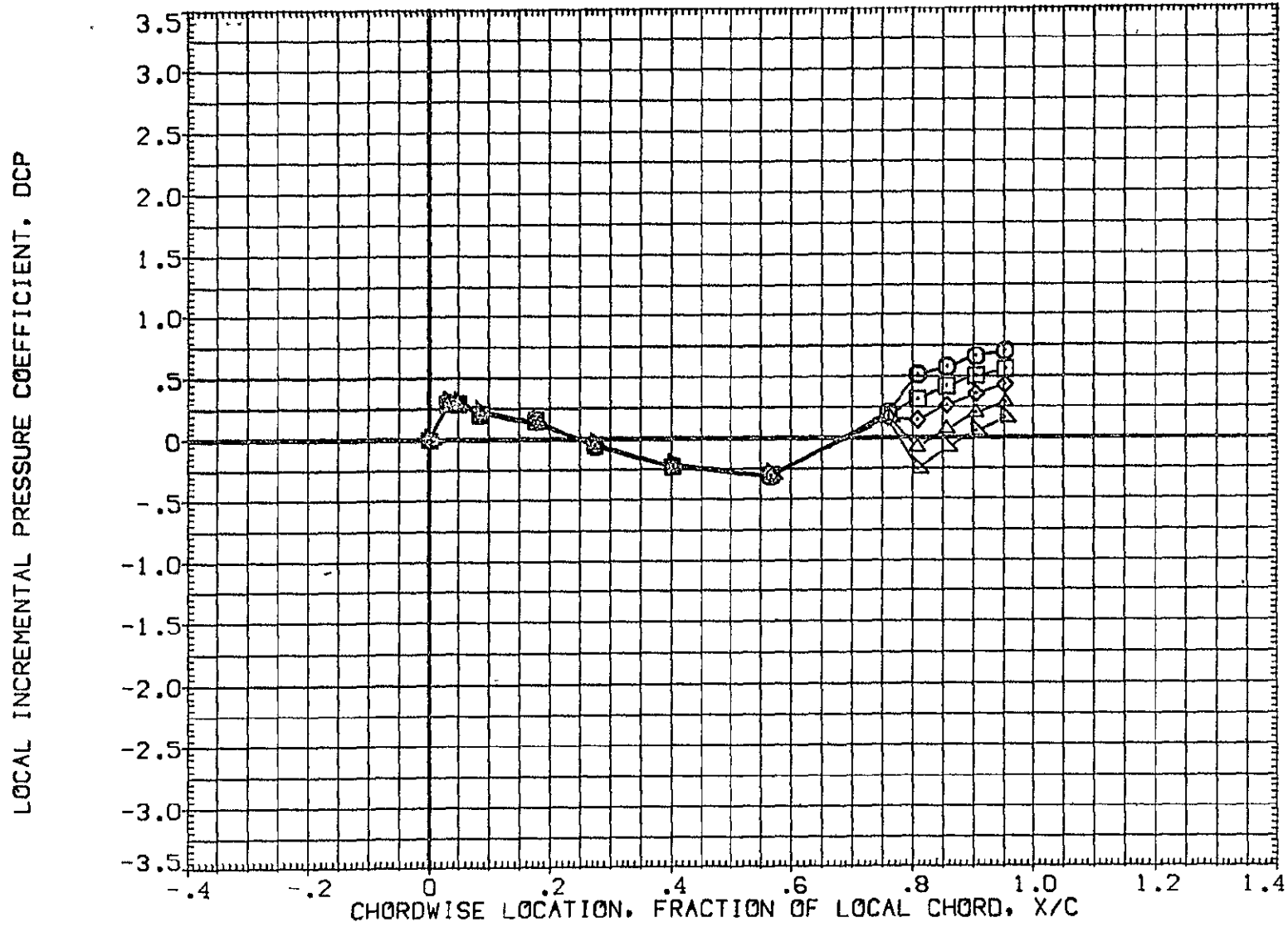

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

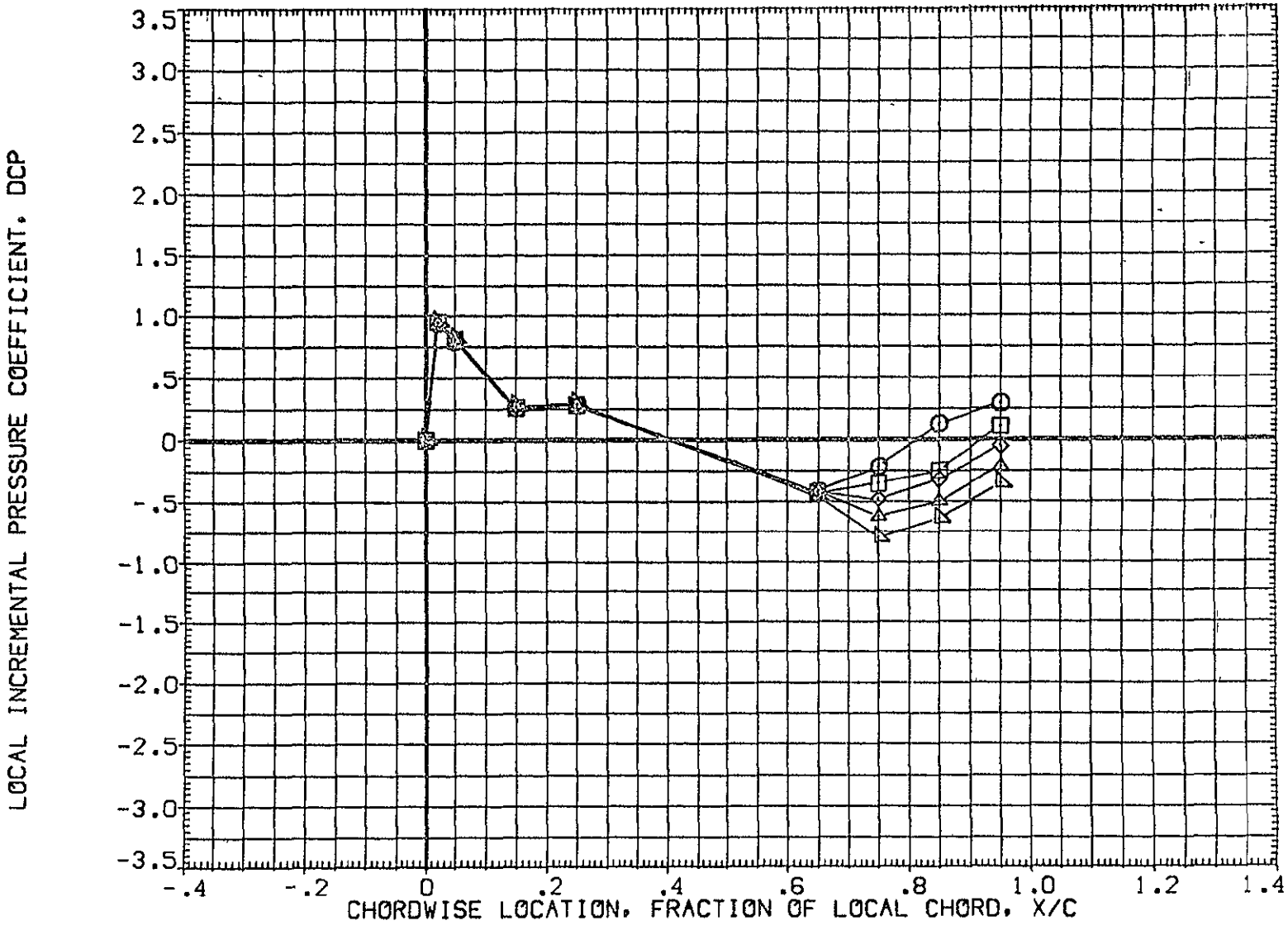

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7050)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7055)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7060)	▷	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

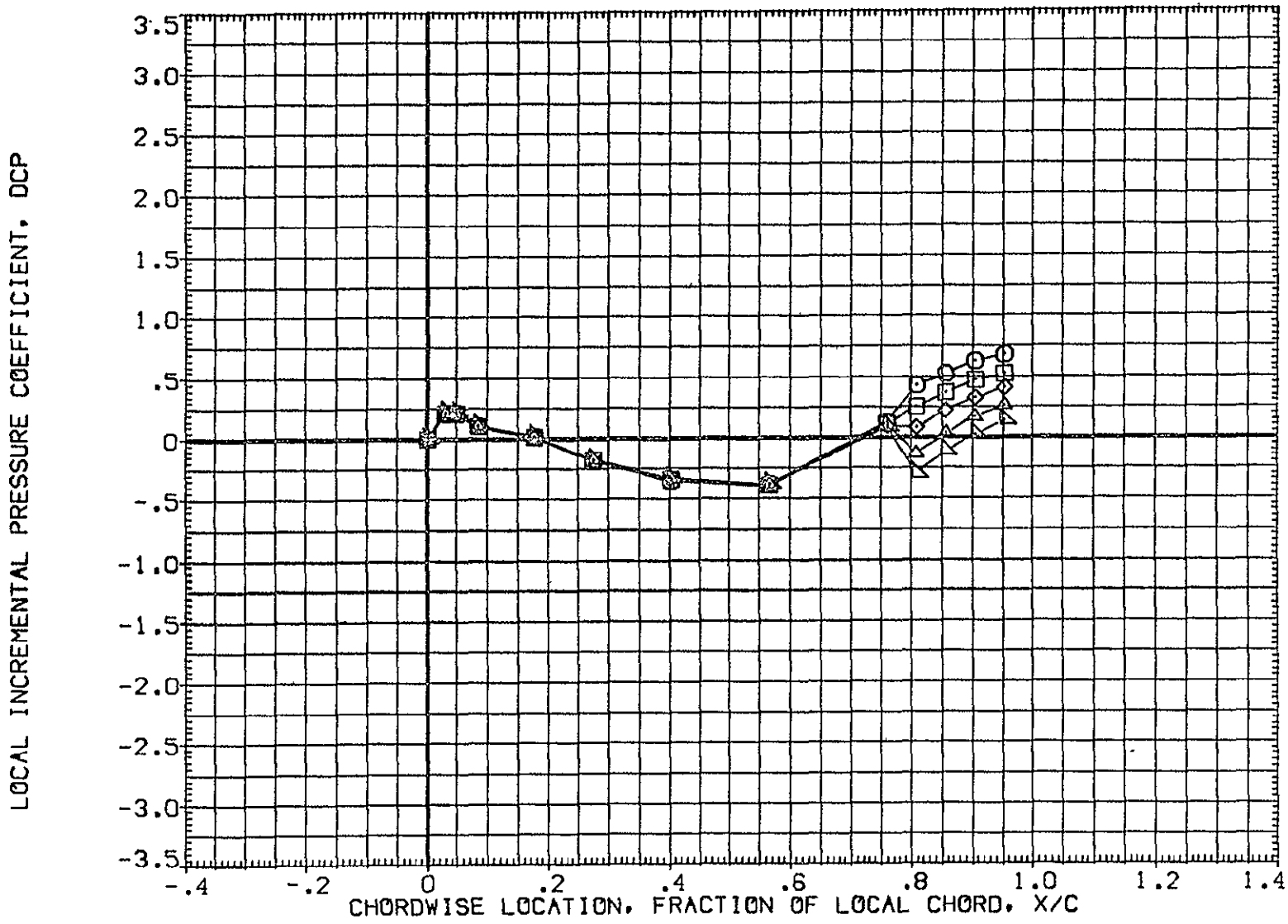

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				.000	.000	.000	.000
(AF7050)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				4.000	4.000	4.000	4.000
(AF7055)	▽	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				8.000	8.000	8.000	8.000
(AF7060)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				8.000	12.000	12.000	12.000

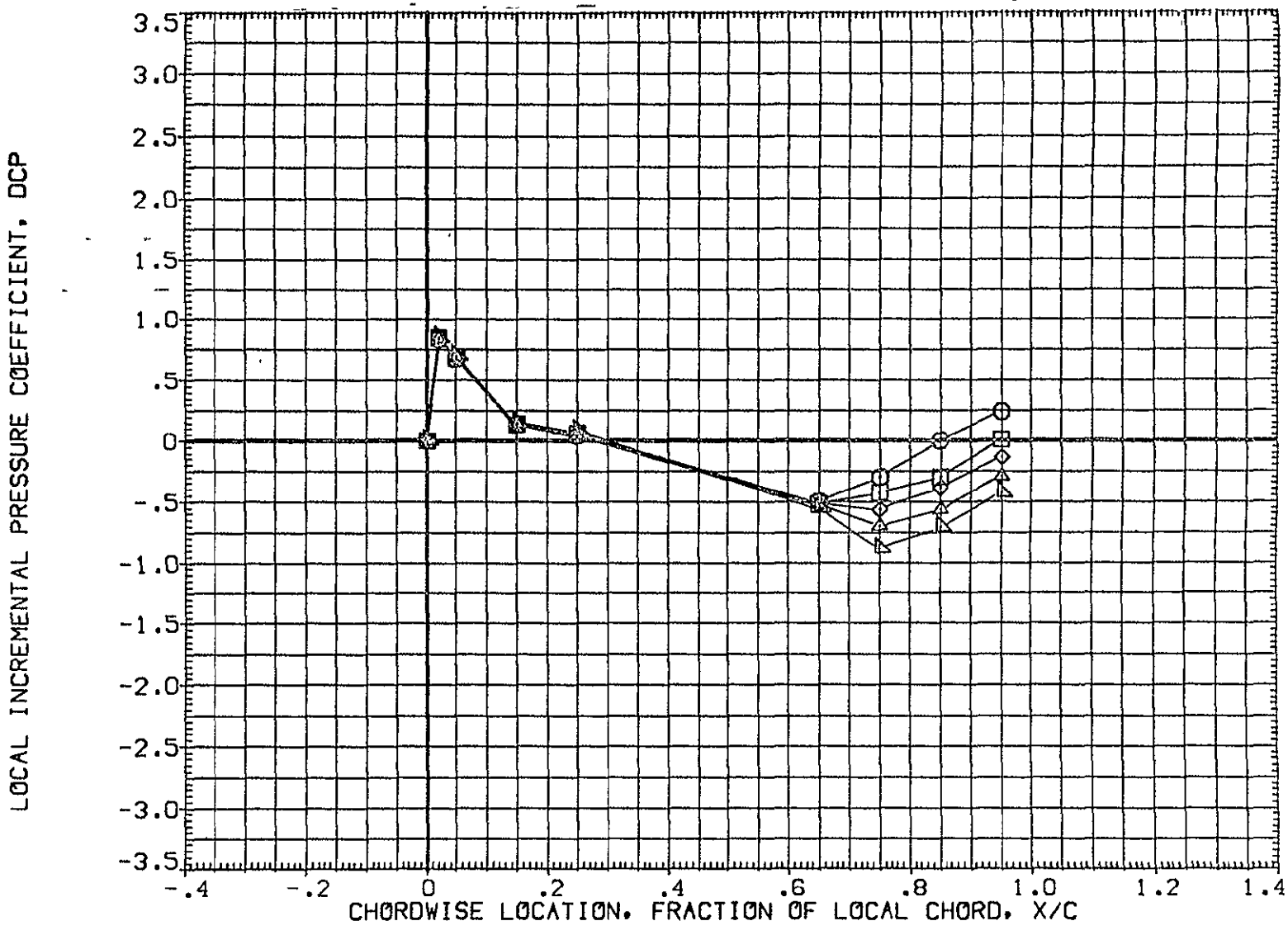

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		.000	.000	.000	.000
(AF7050)	◇	IA70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7060)	△	IA70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		8.000	12.000	12.000	12.000

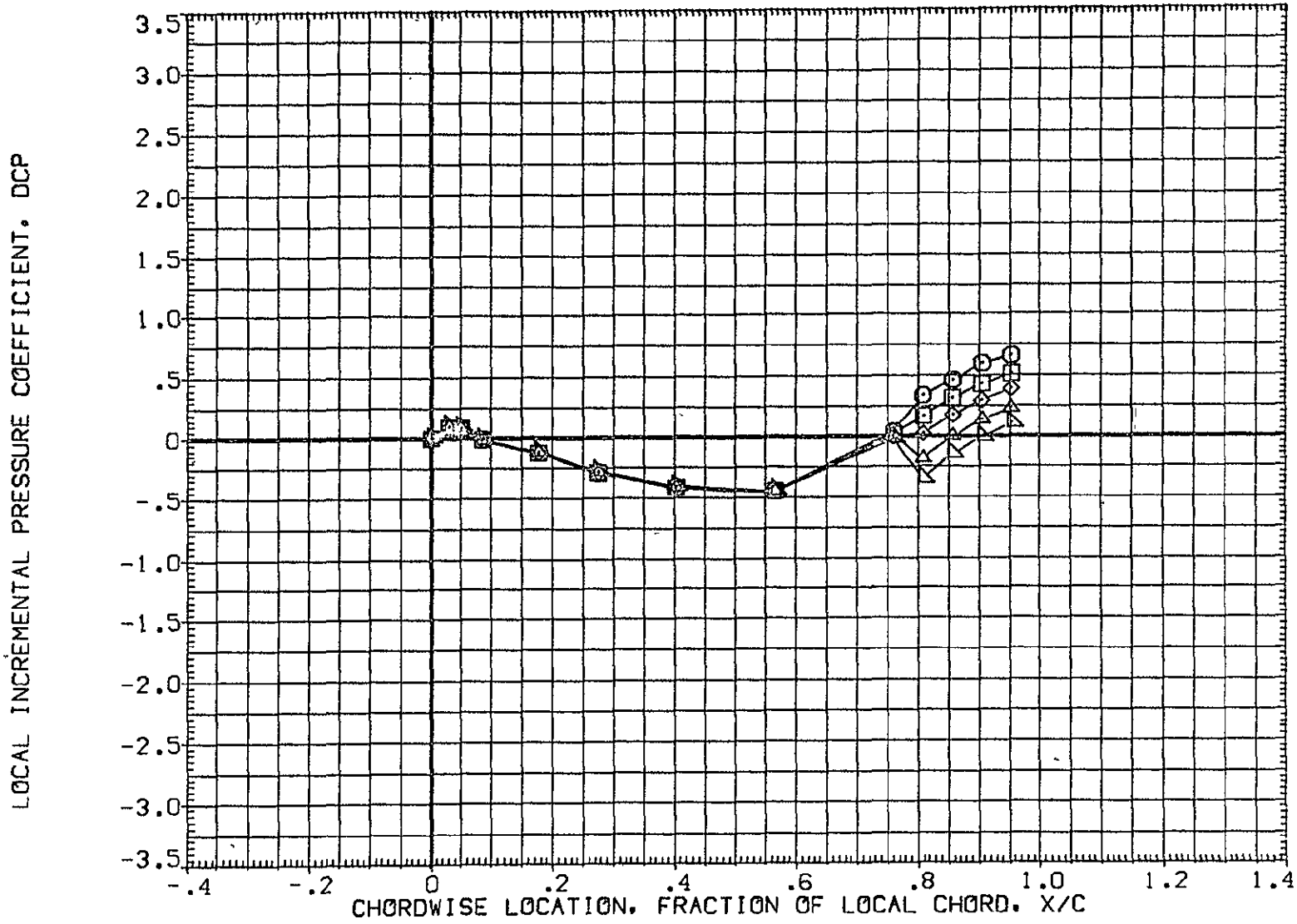

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

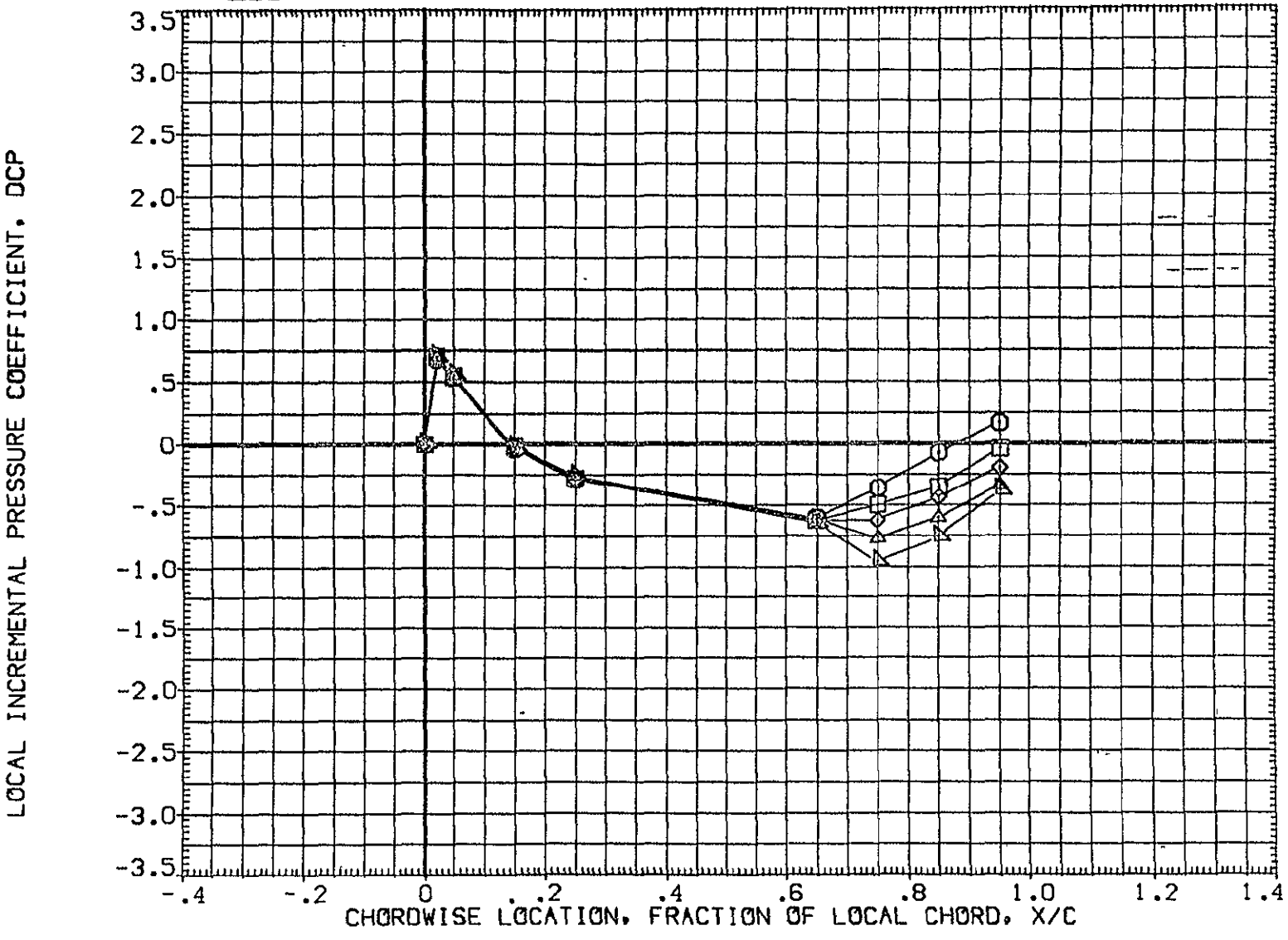

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION							ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	□	1A70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	○	1A70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	1A70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	1A70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	1A70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

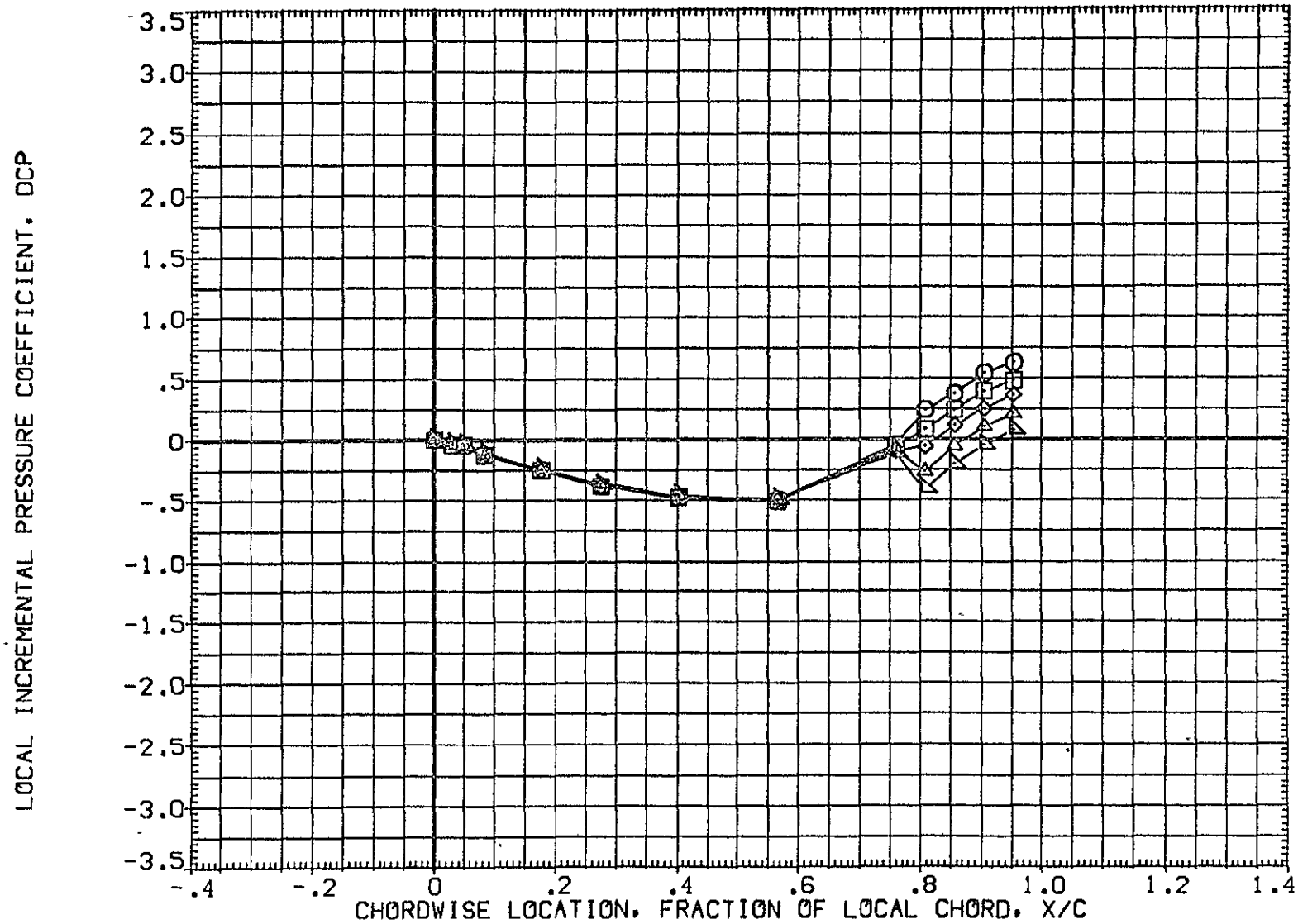

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

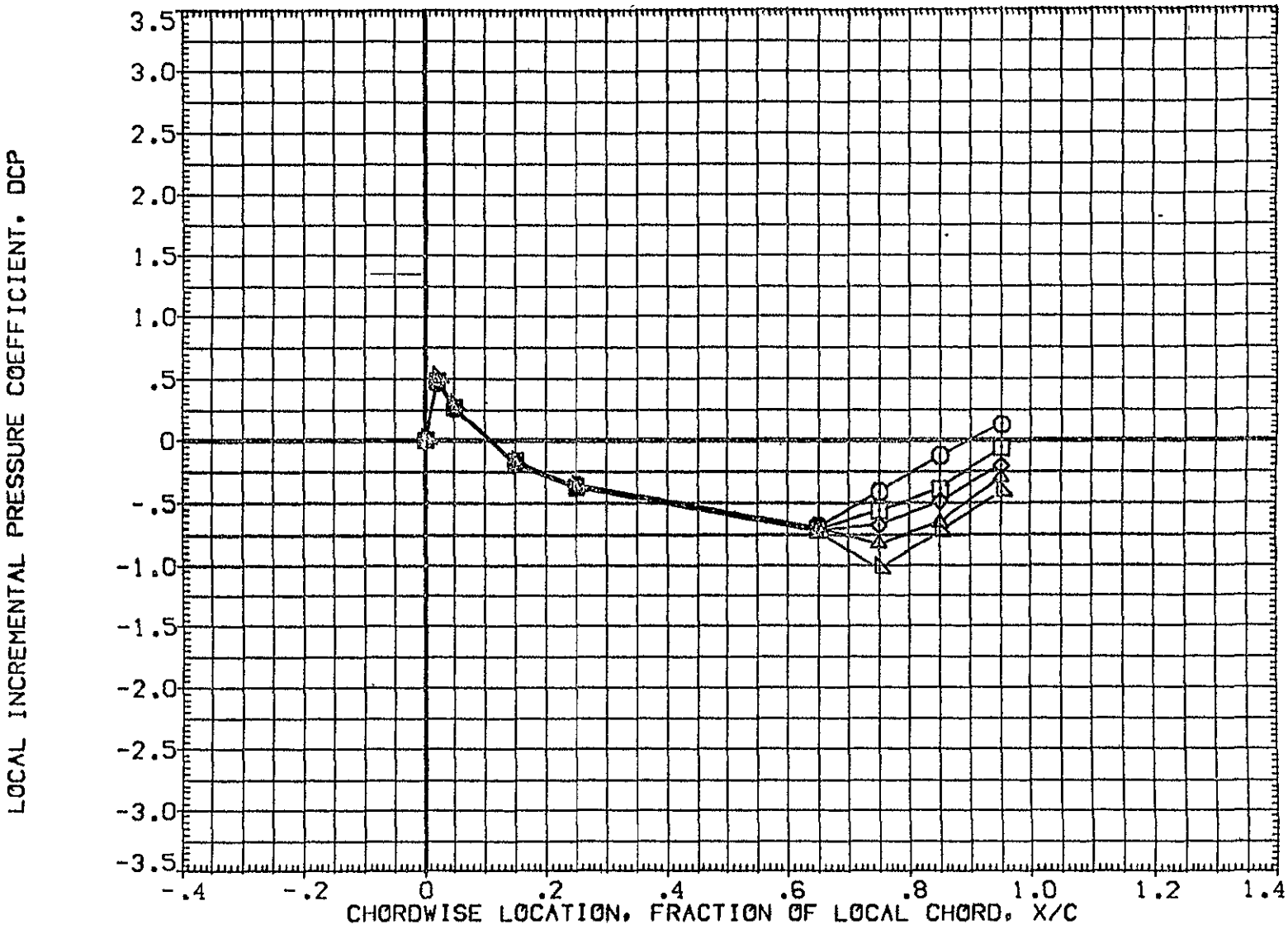

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION							ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	□	IA70	G1	T12	S1	P2	P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	◇	IA70	G1	T12	S1	P2	P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	⋈	IA70	G1	T12	S1	P2	P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70	G1	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	△	IA70	G1	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

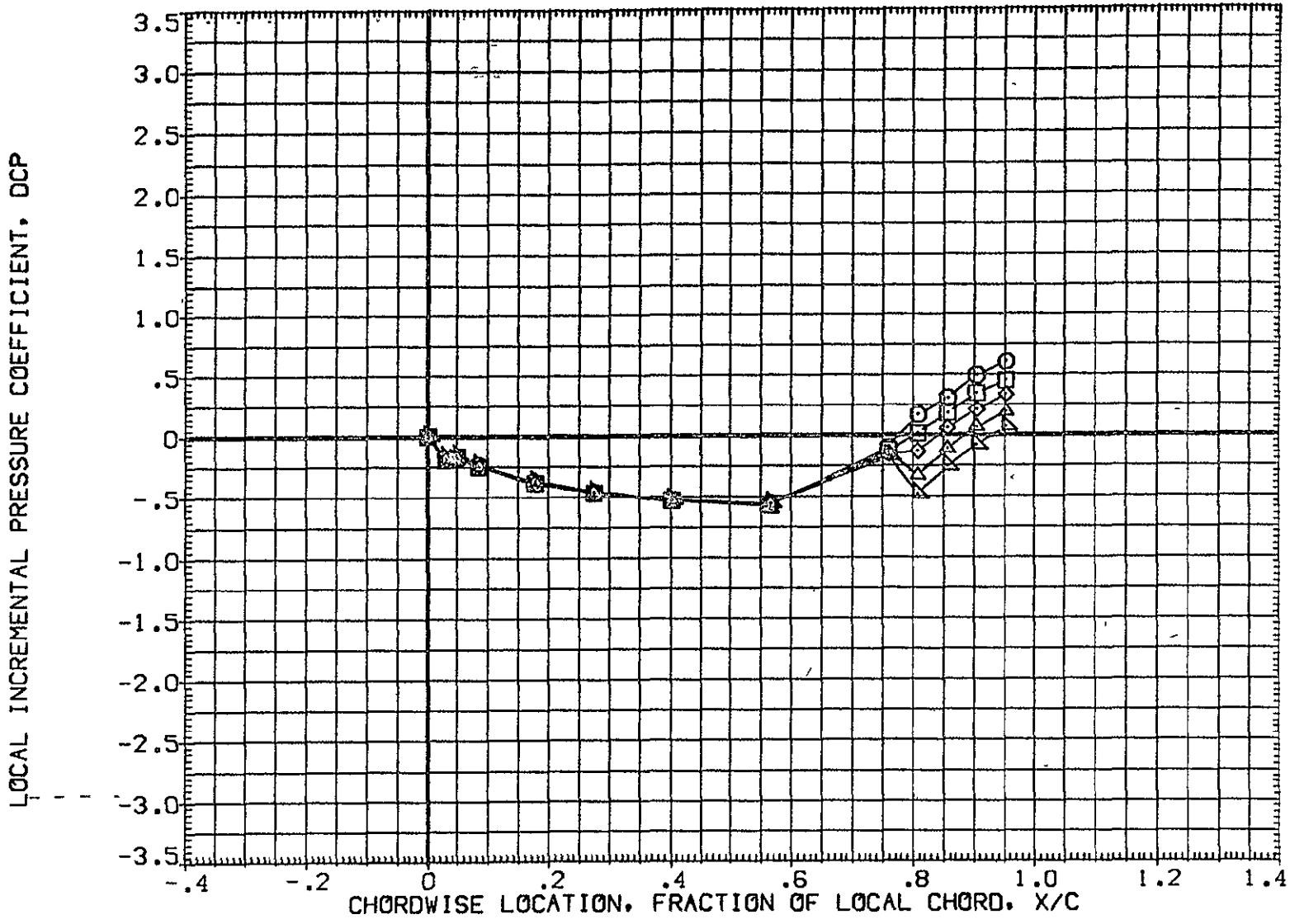

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▷	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

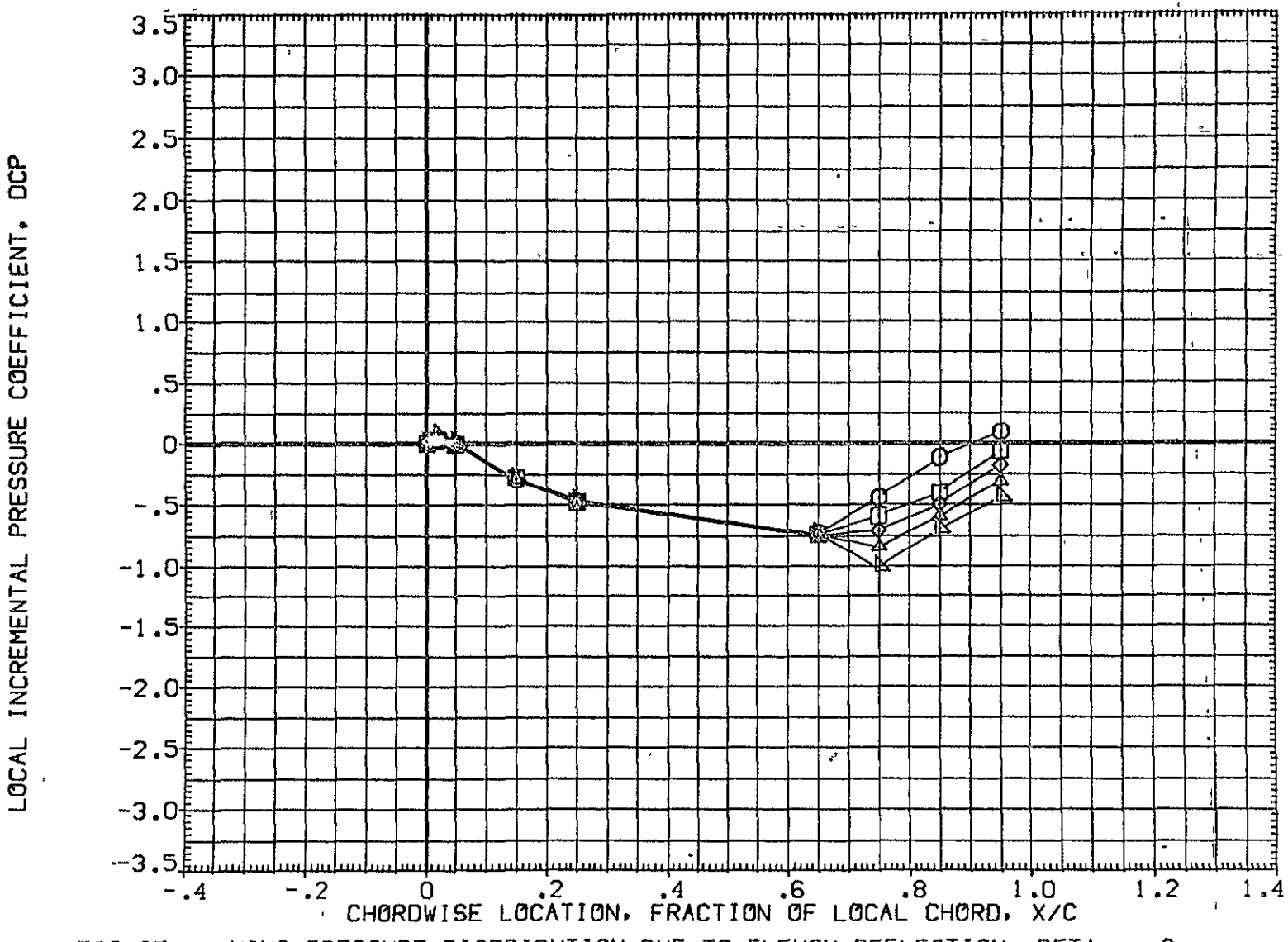

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	◺	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

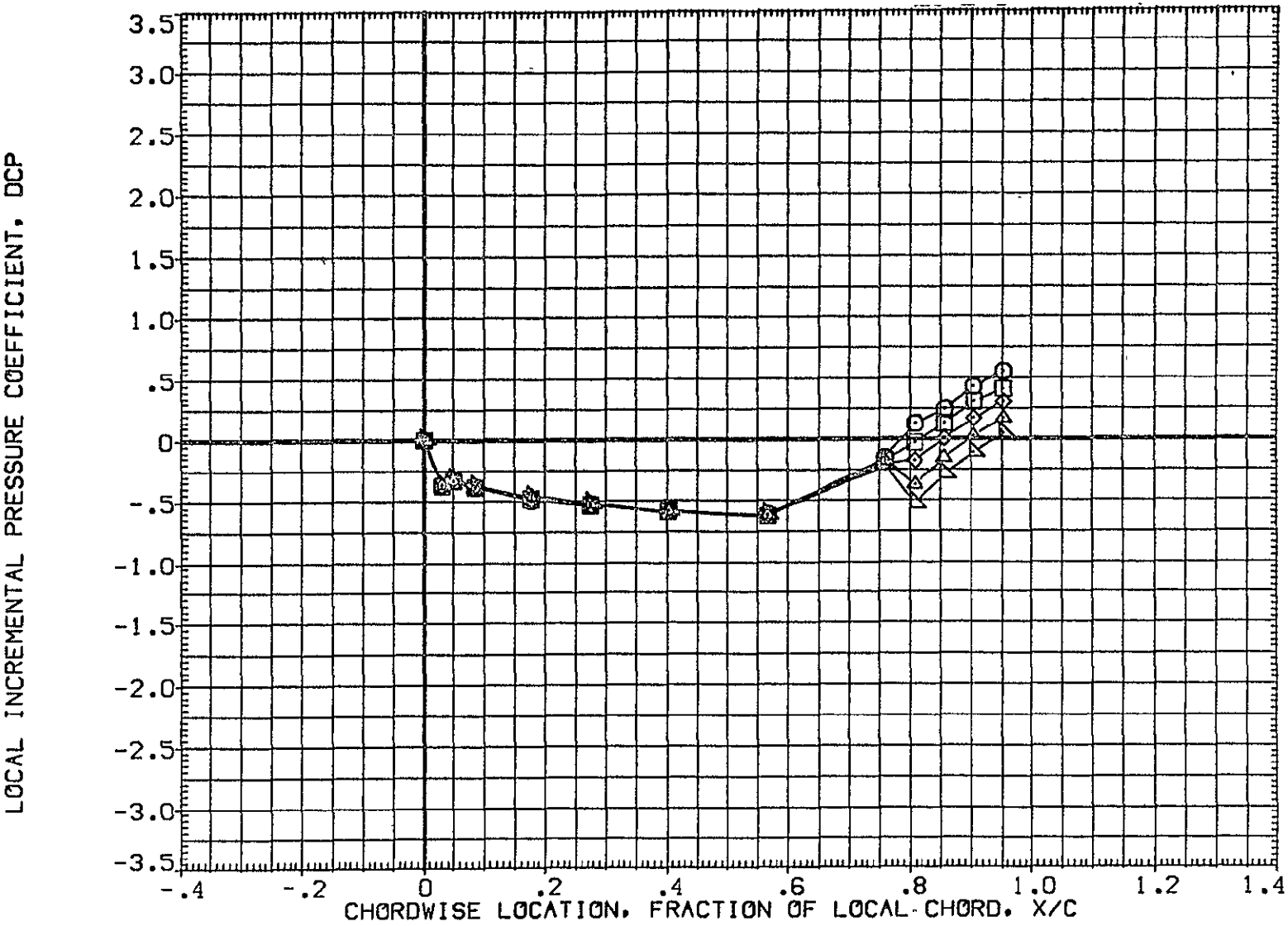

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	▷	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	△	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

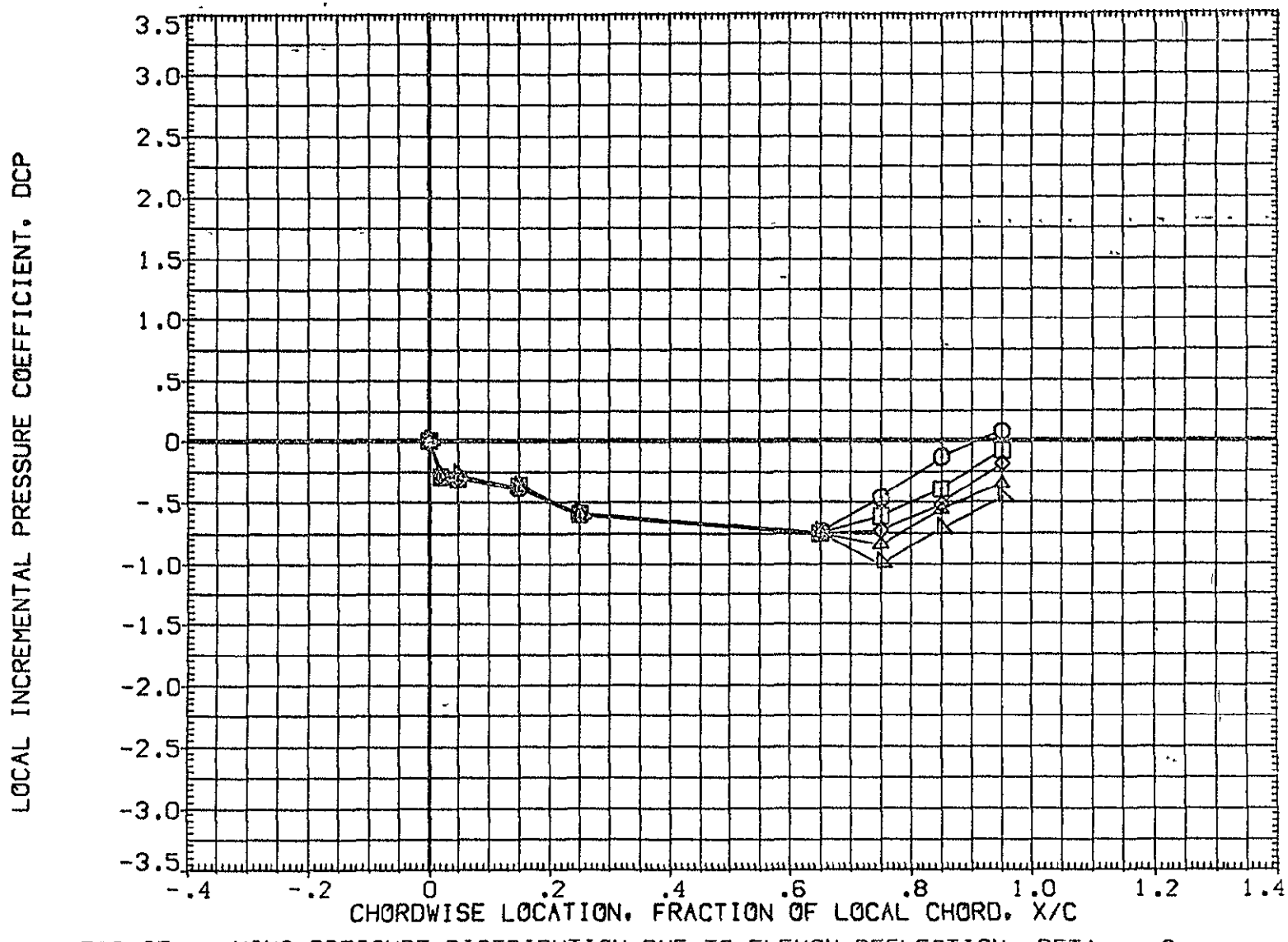

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▷	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

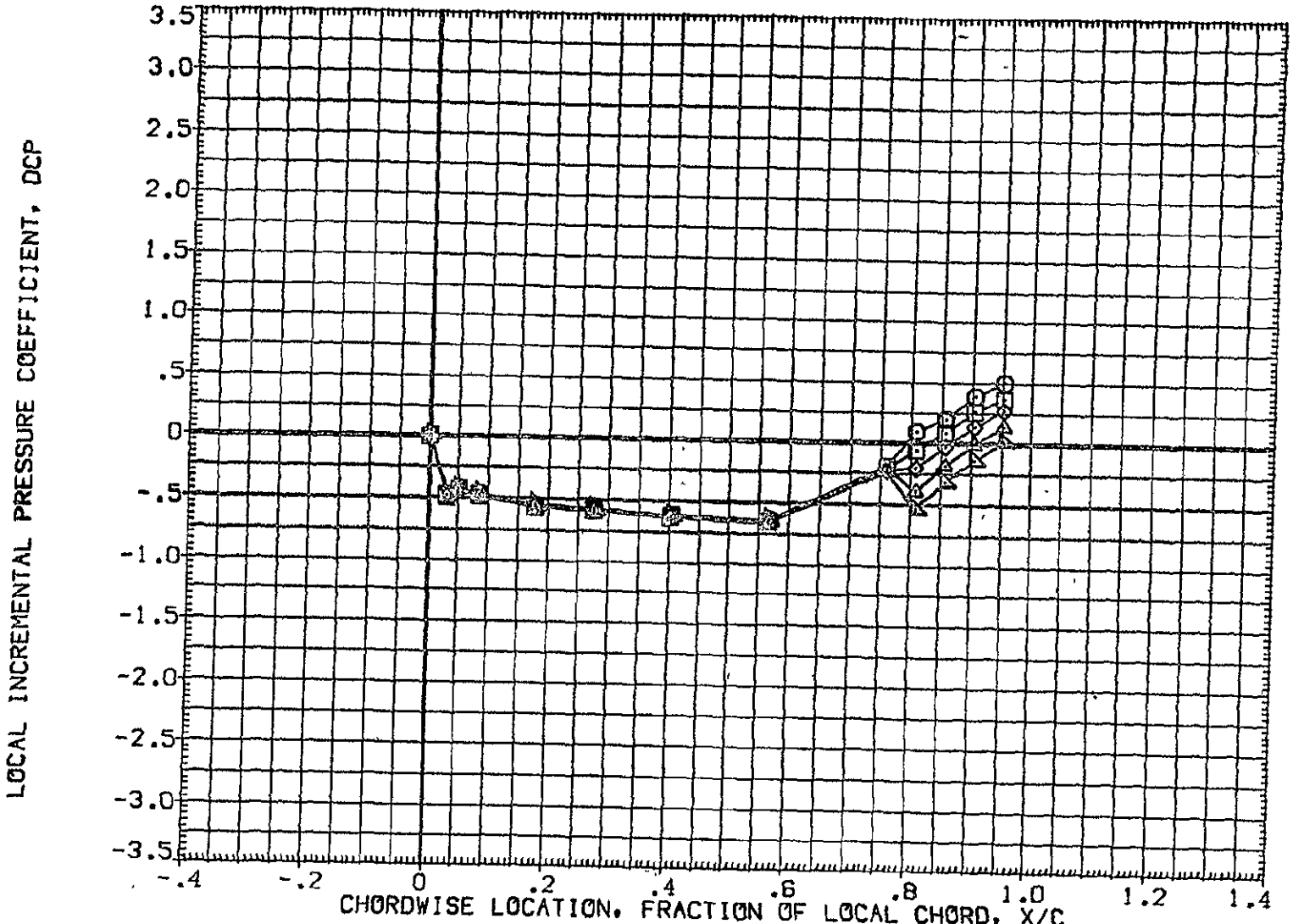

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7045)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7050)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7055)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7060)	▽	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

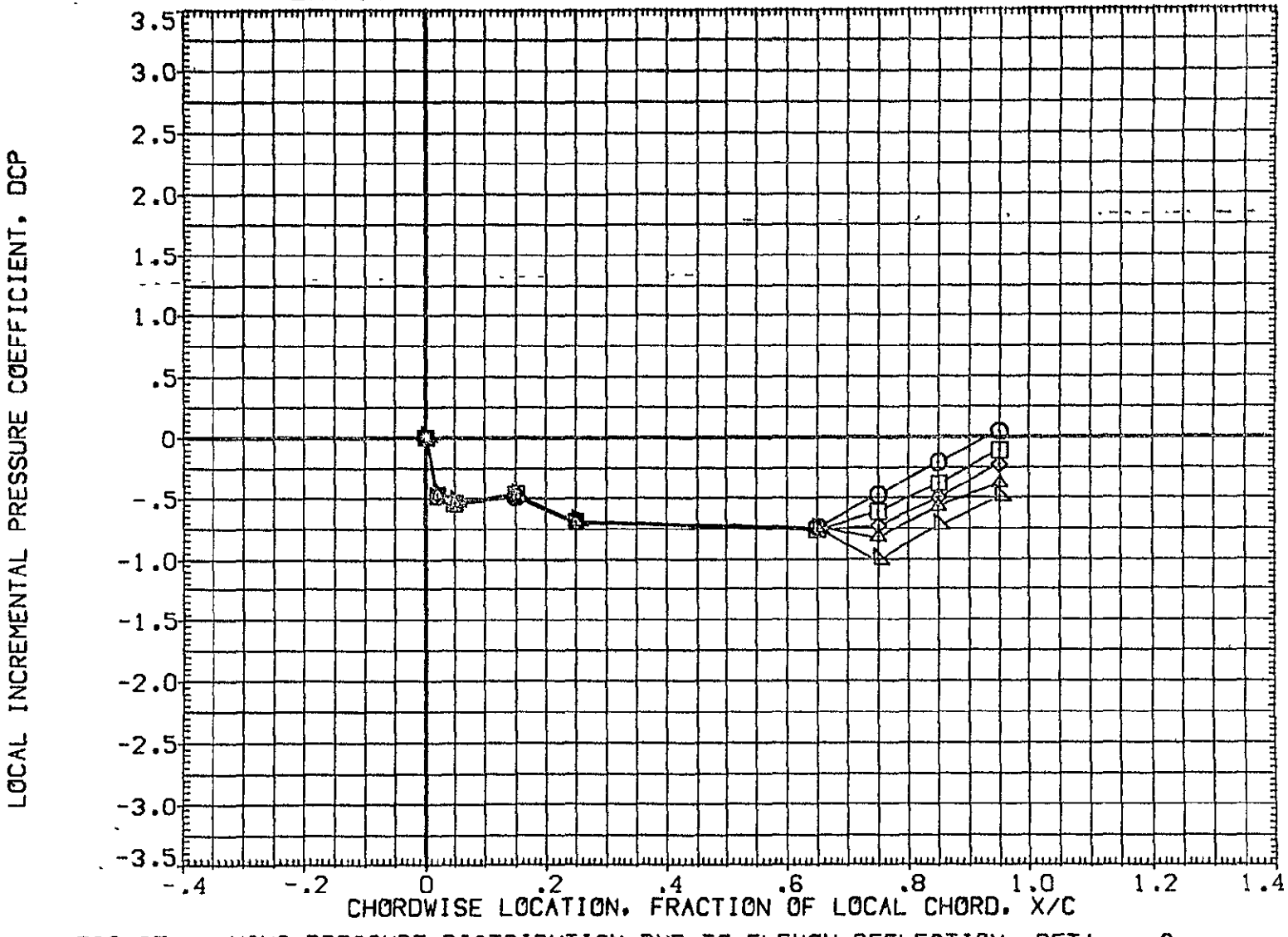

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	⊠	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

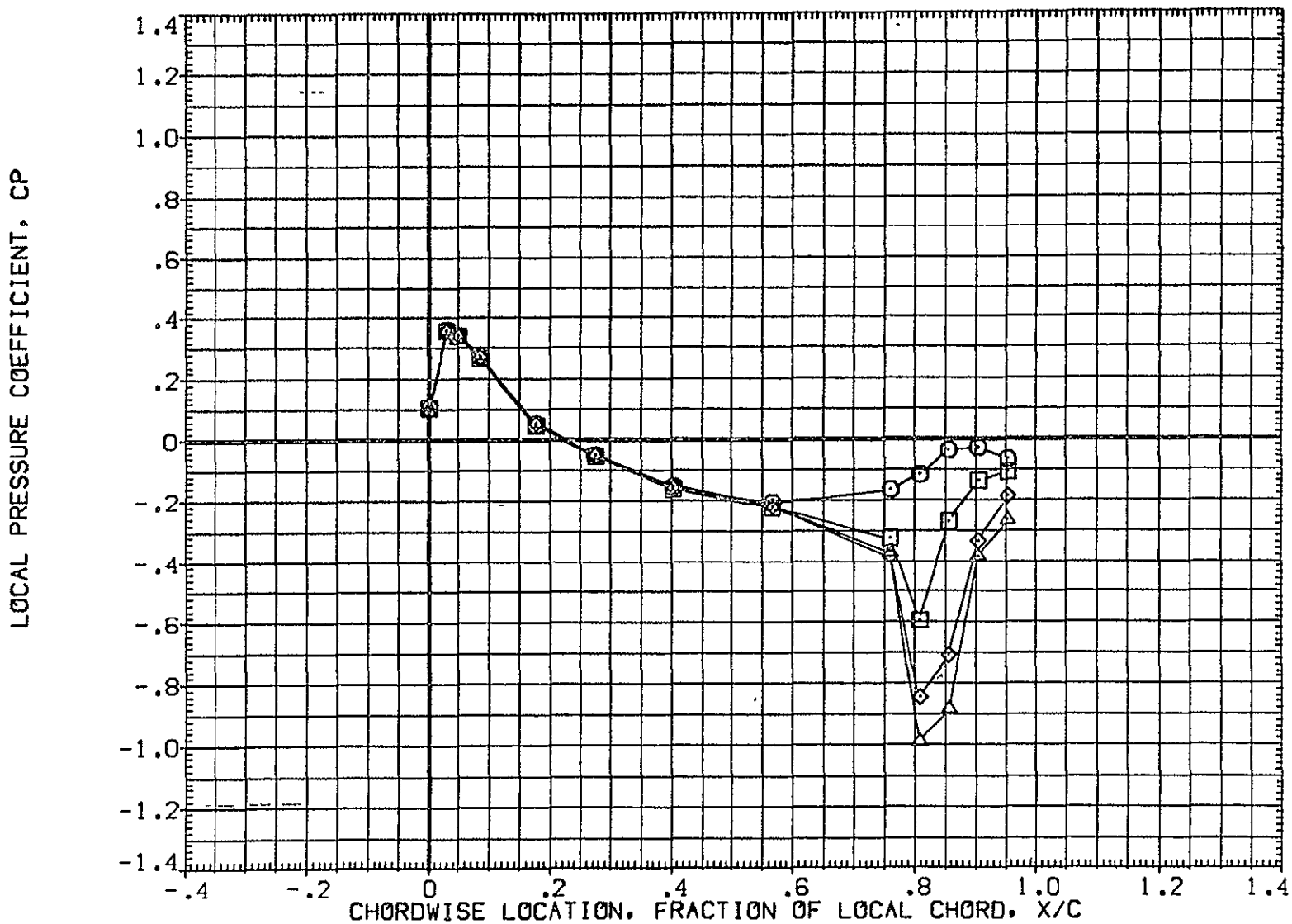

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

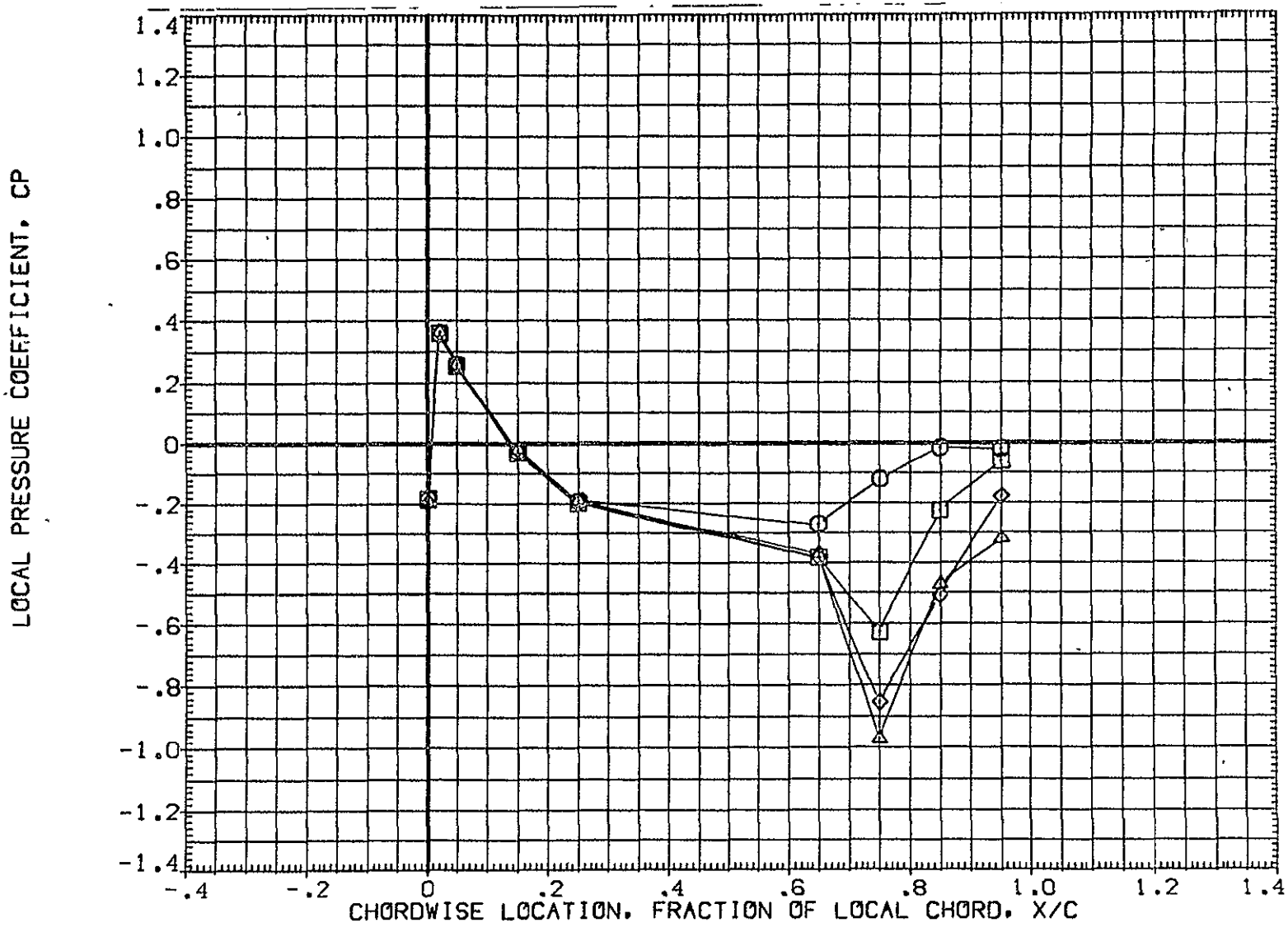

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

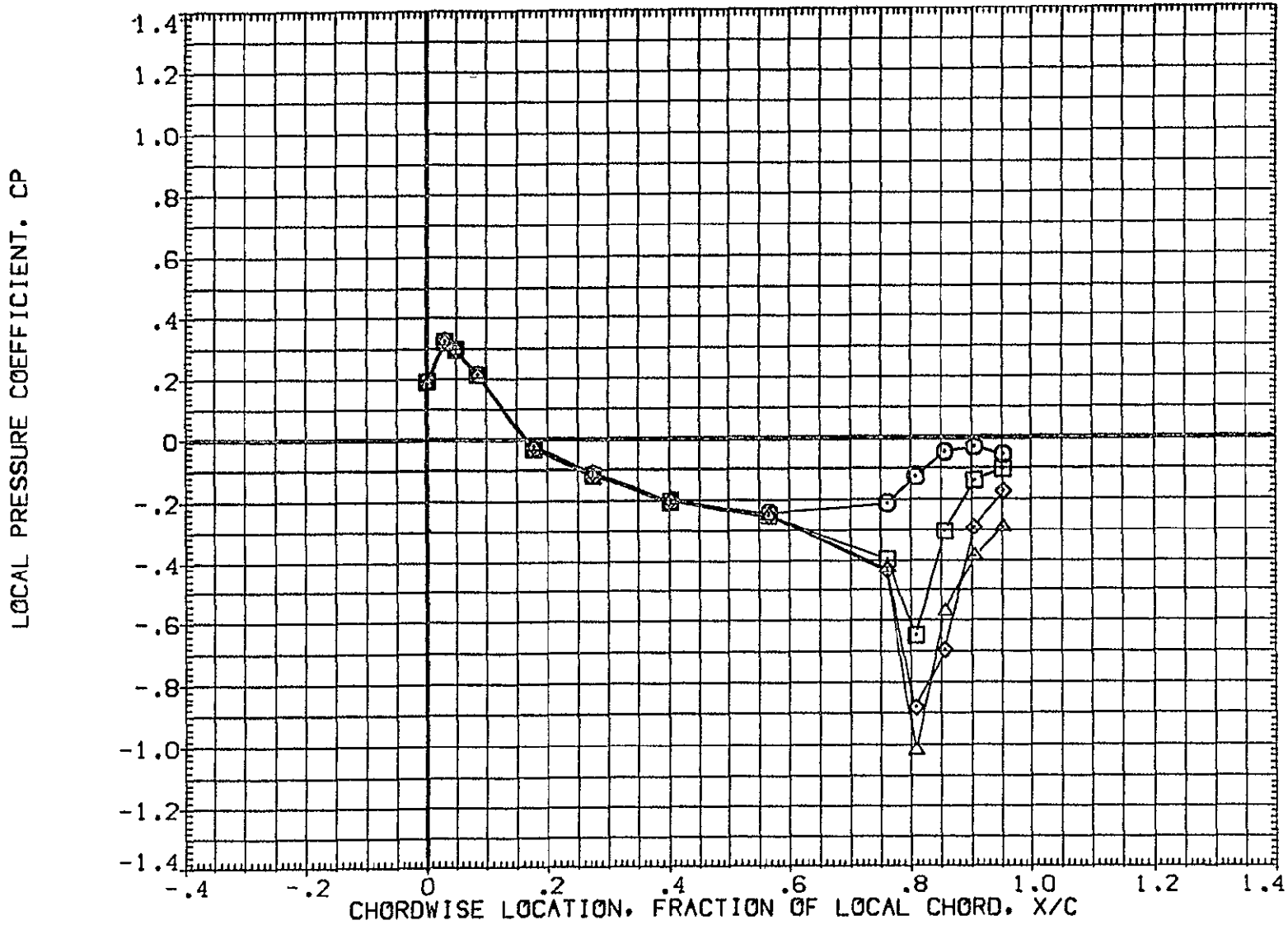

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .436

C-4

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	⊠	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

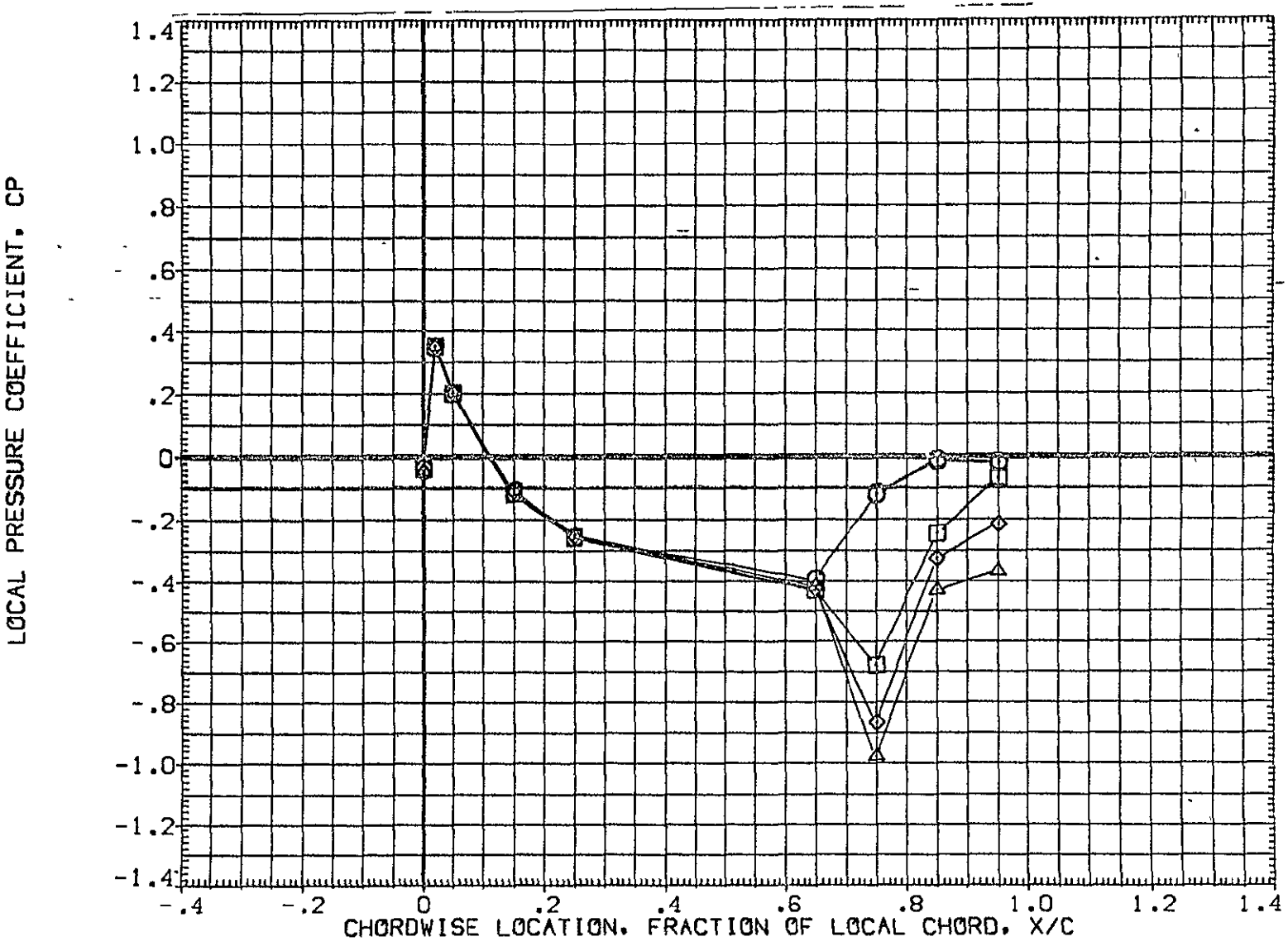

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

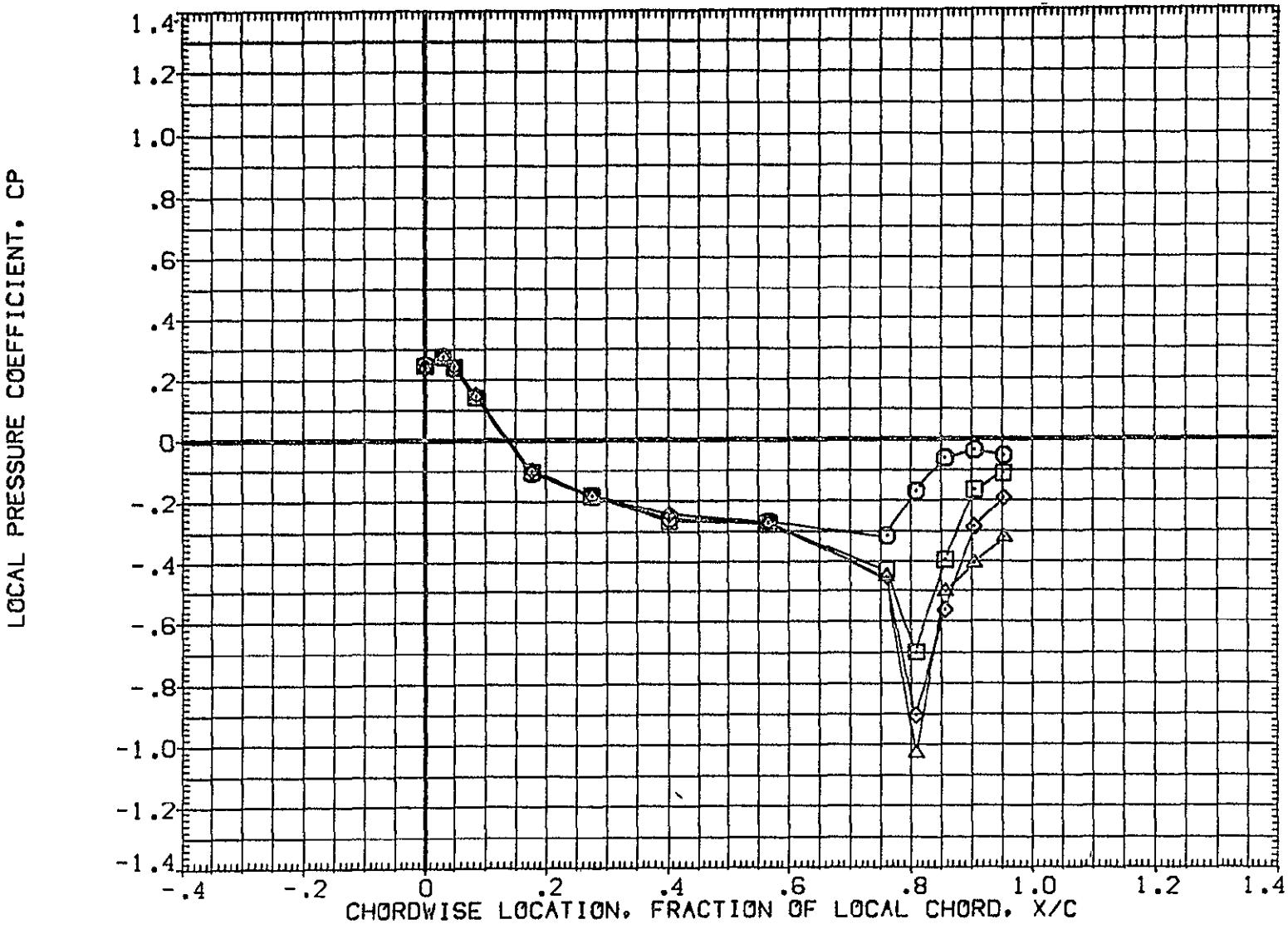

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

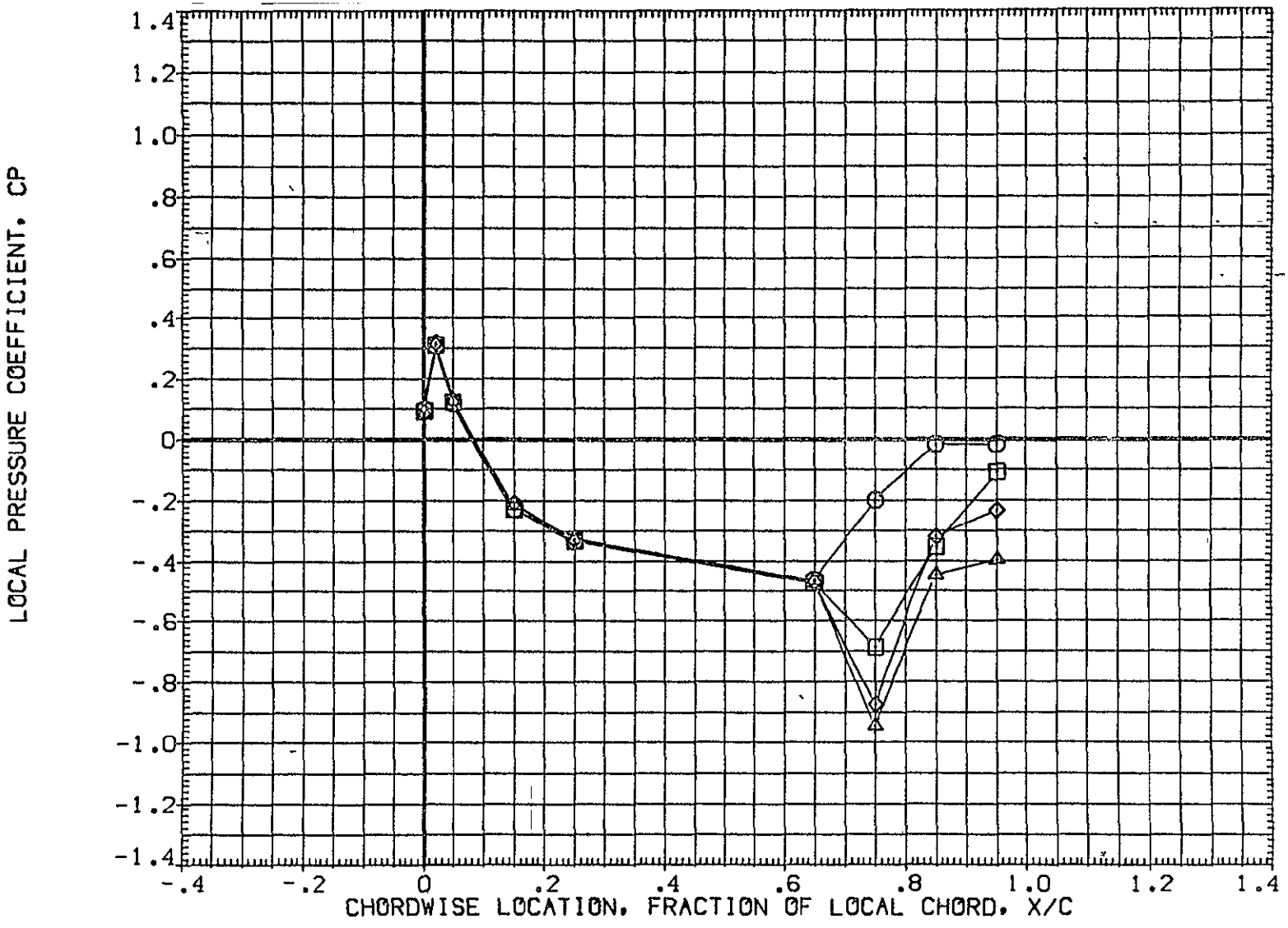

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

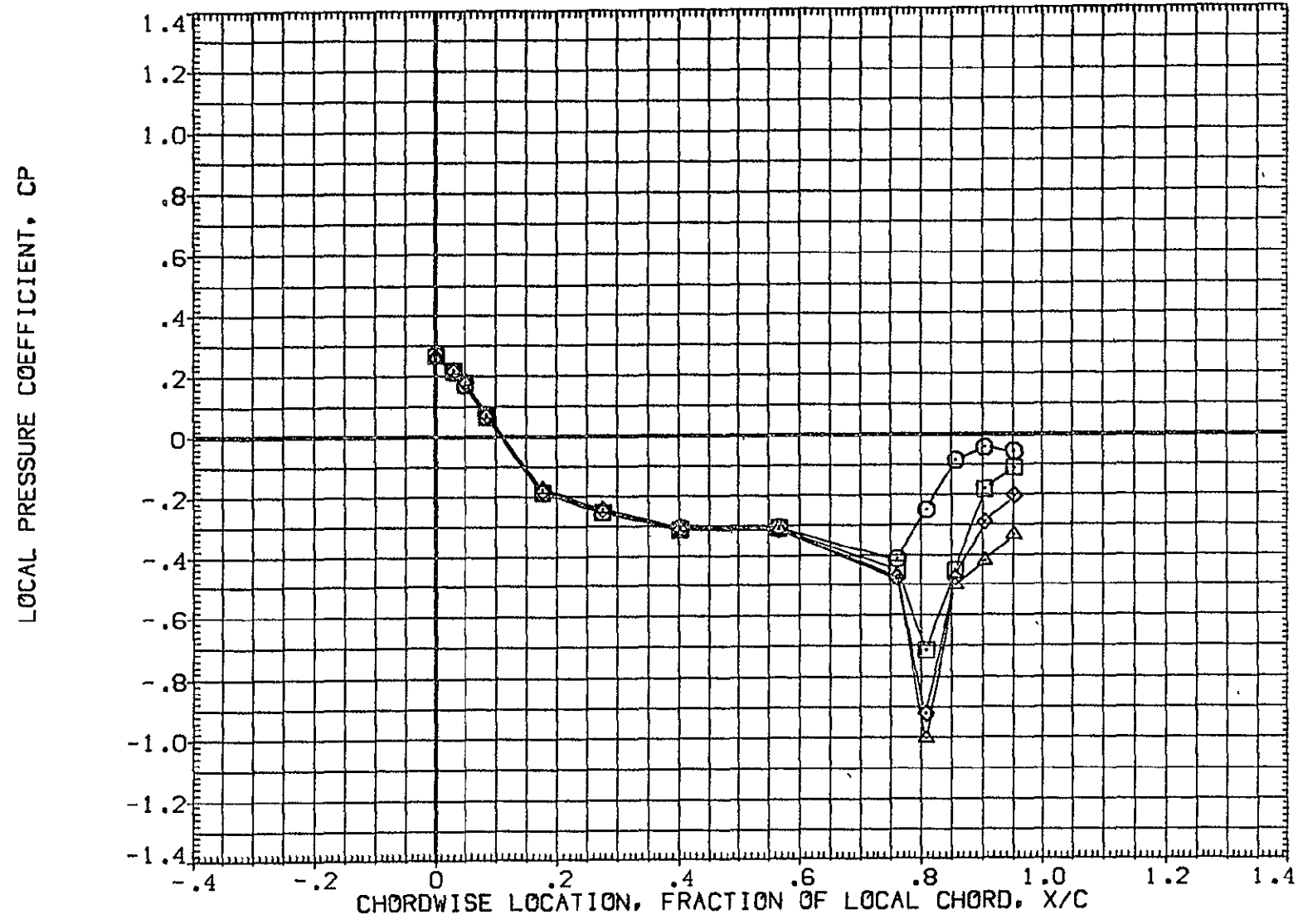

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

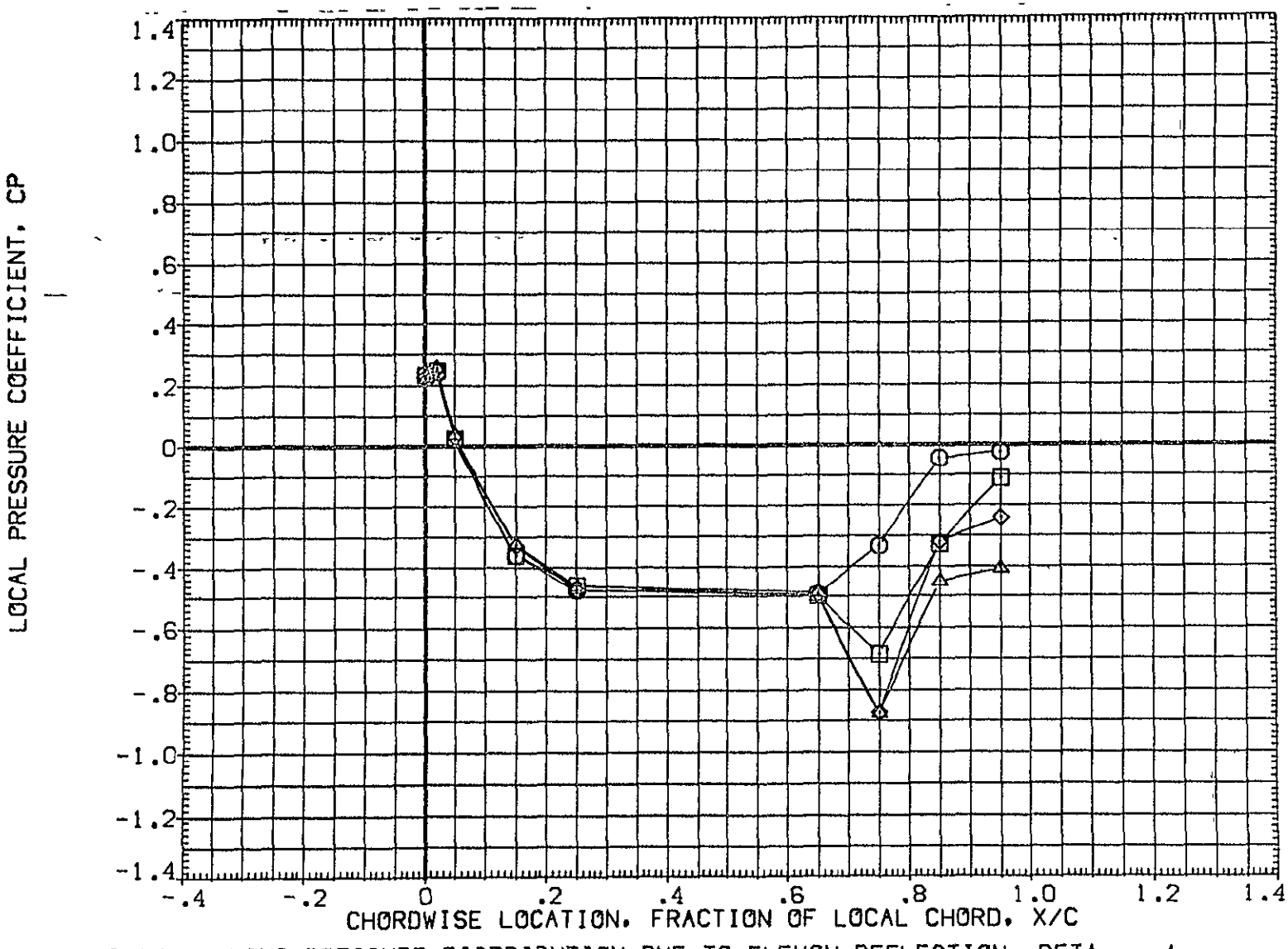

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A7D 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A7D 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A7D 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A7D 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

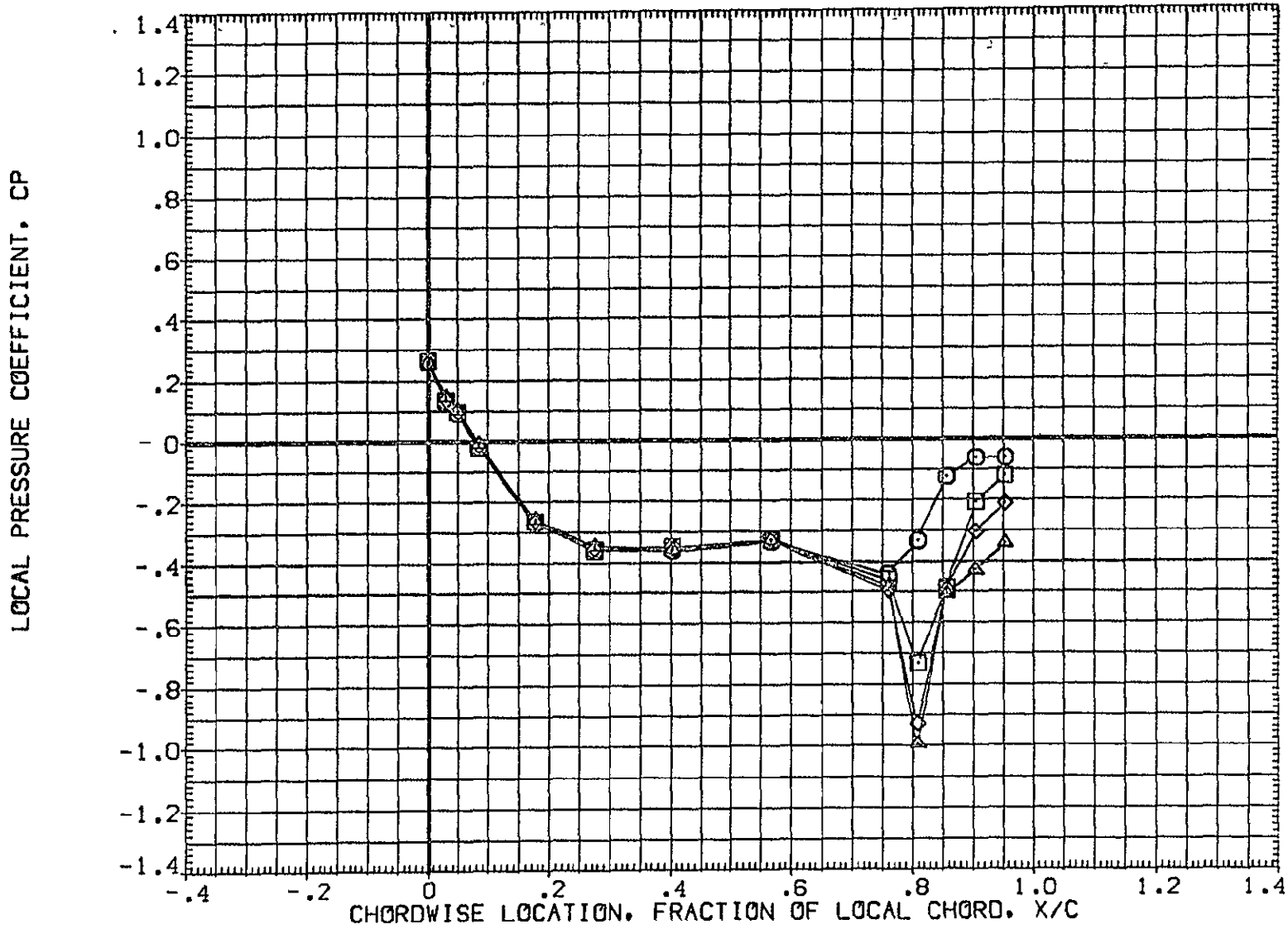

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

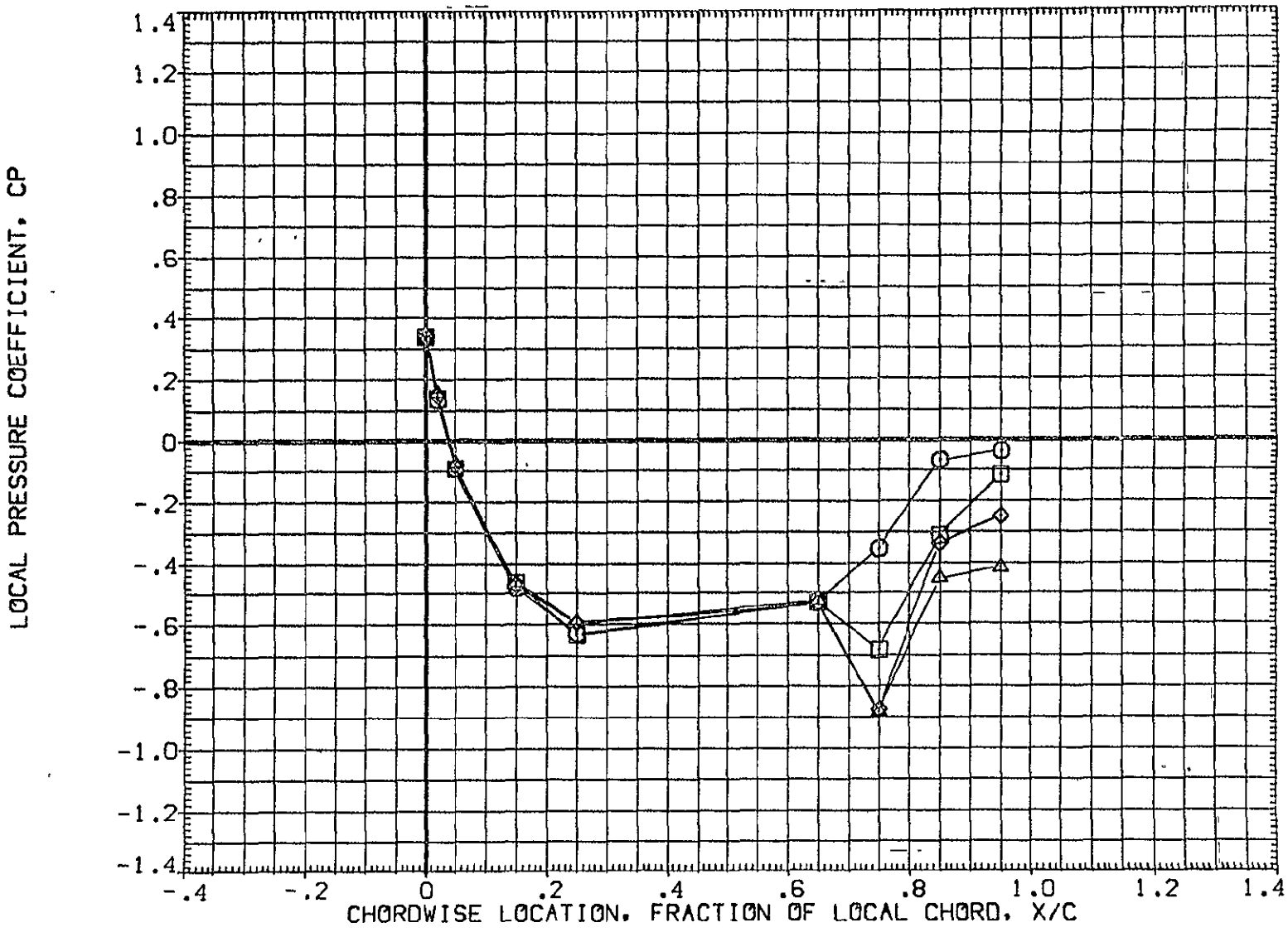

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

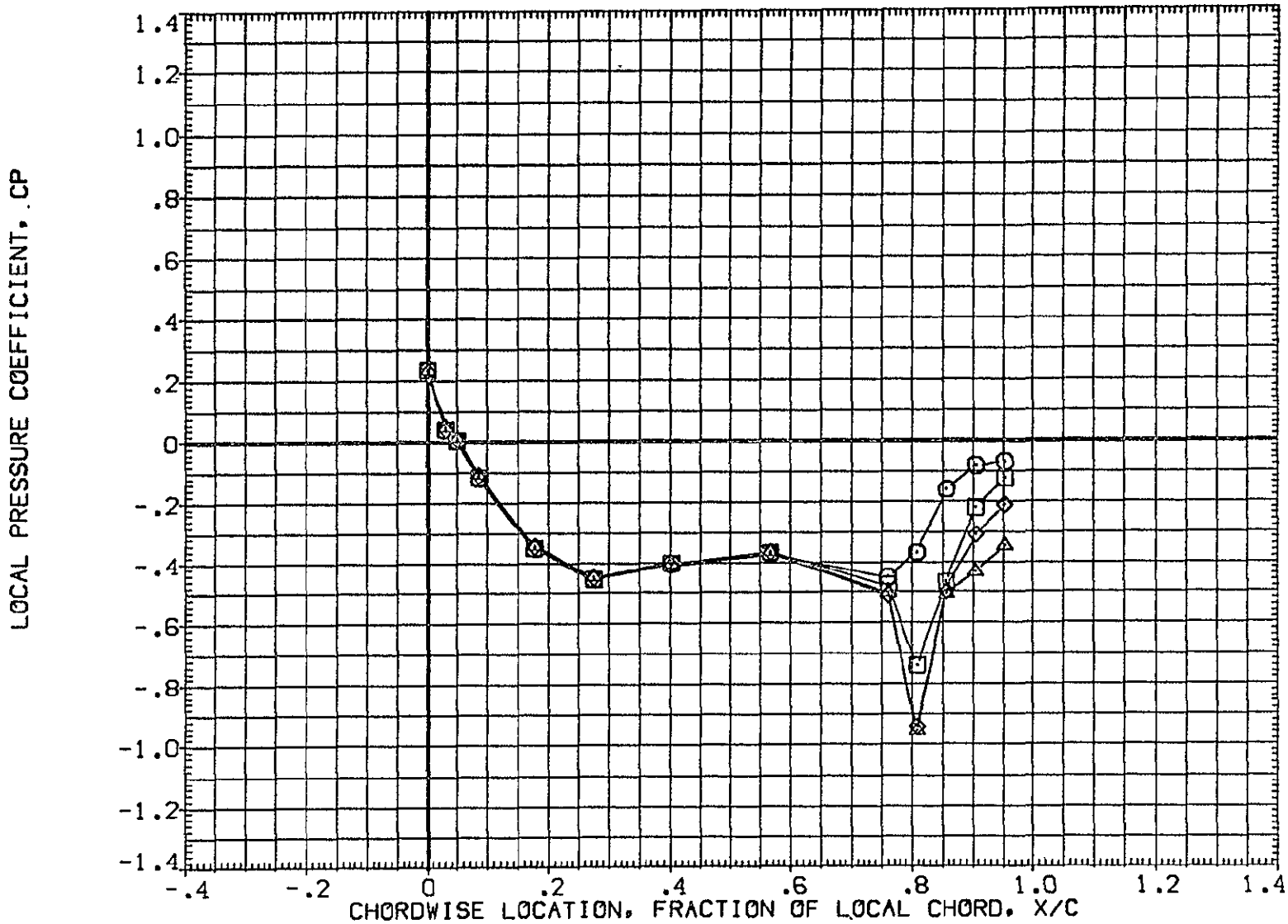

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

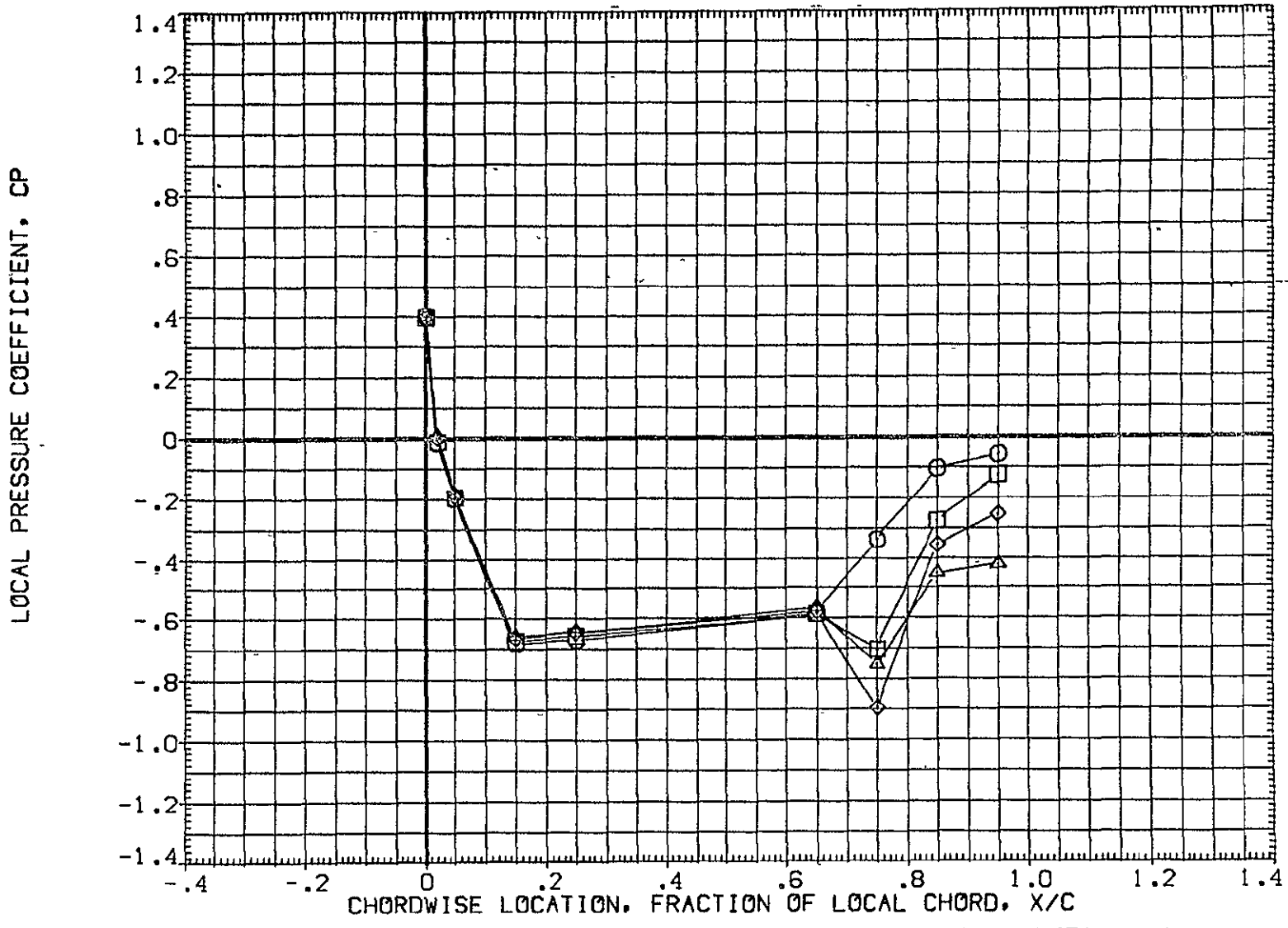

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

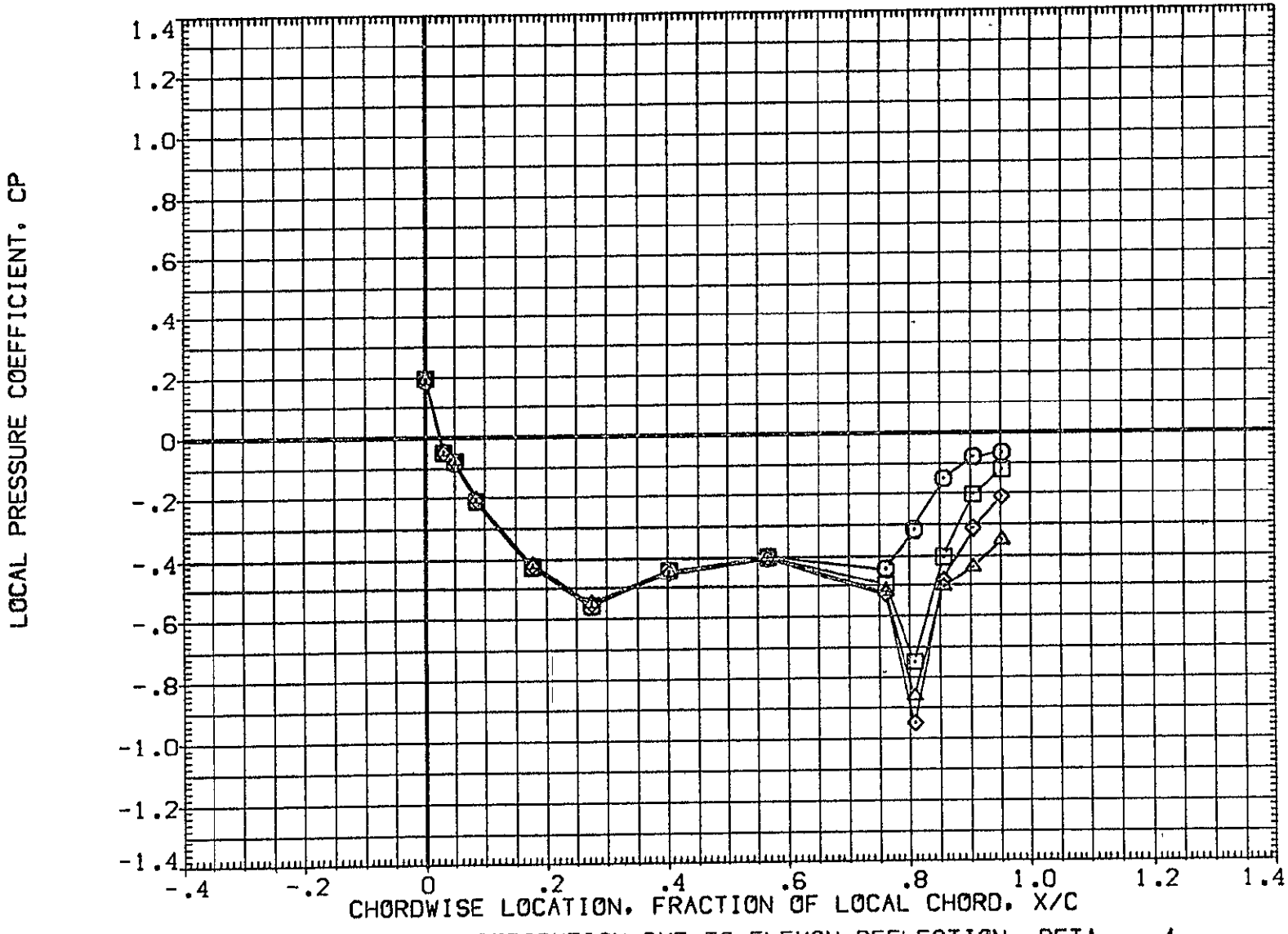

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

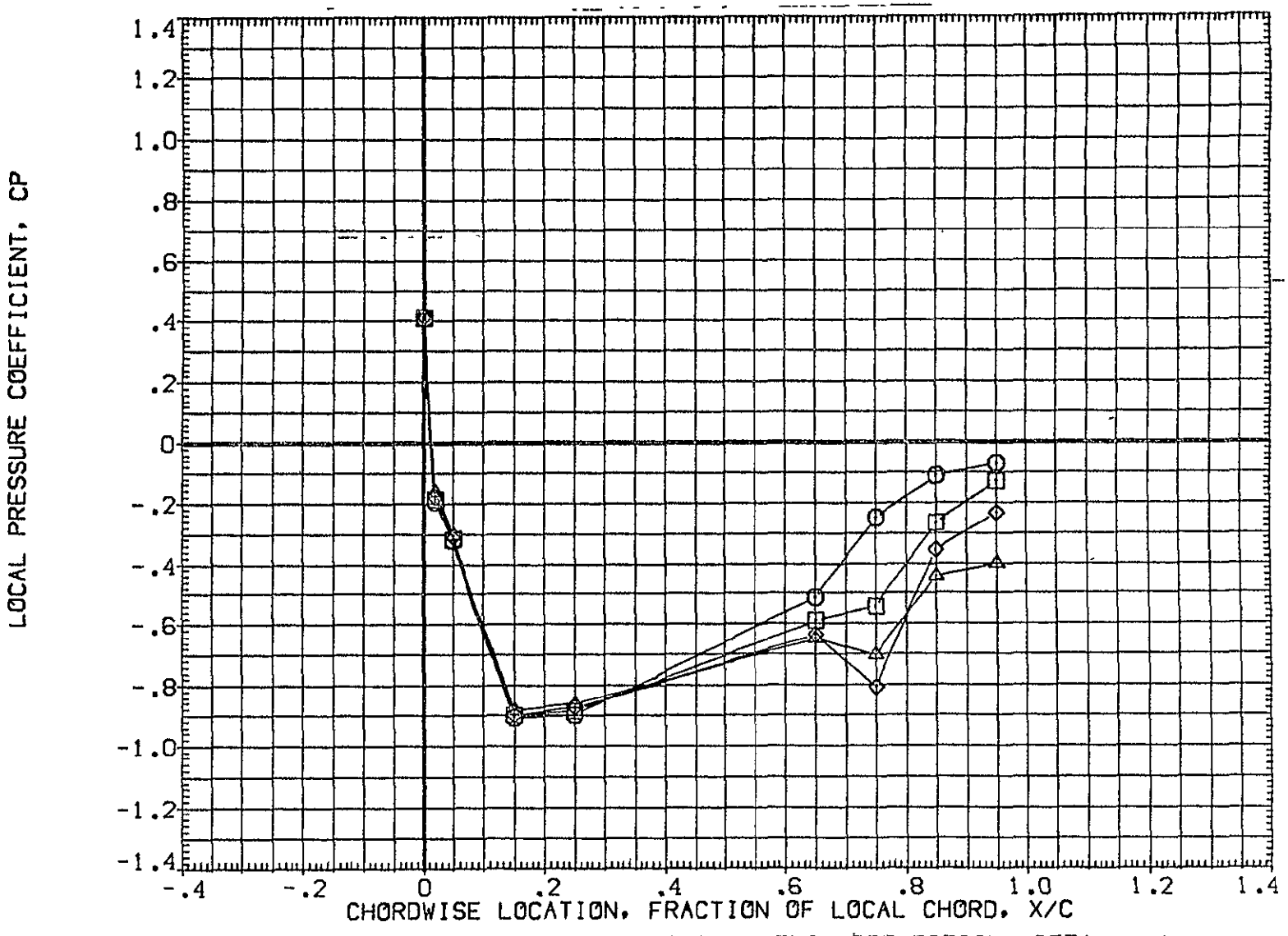

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

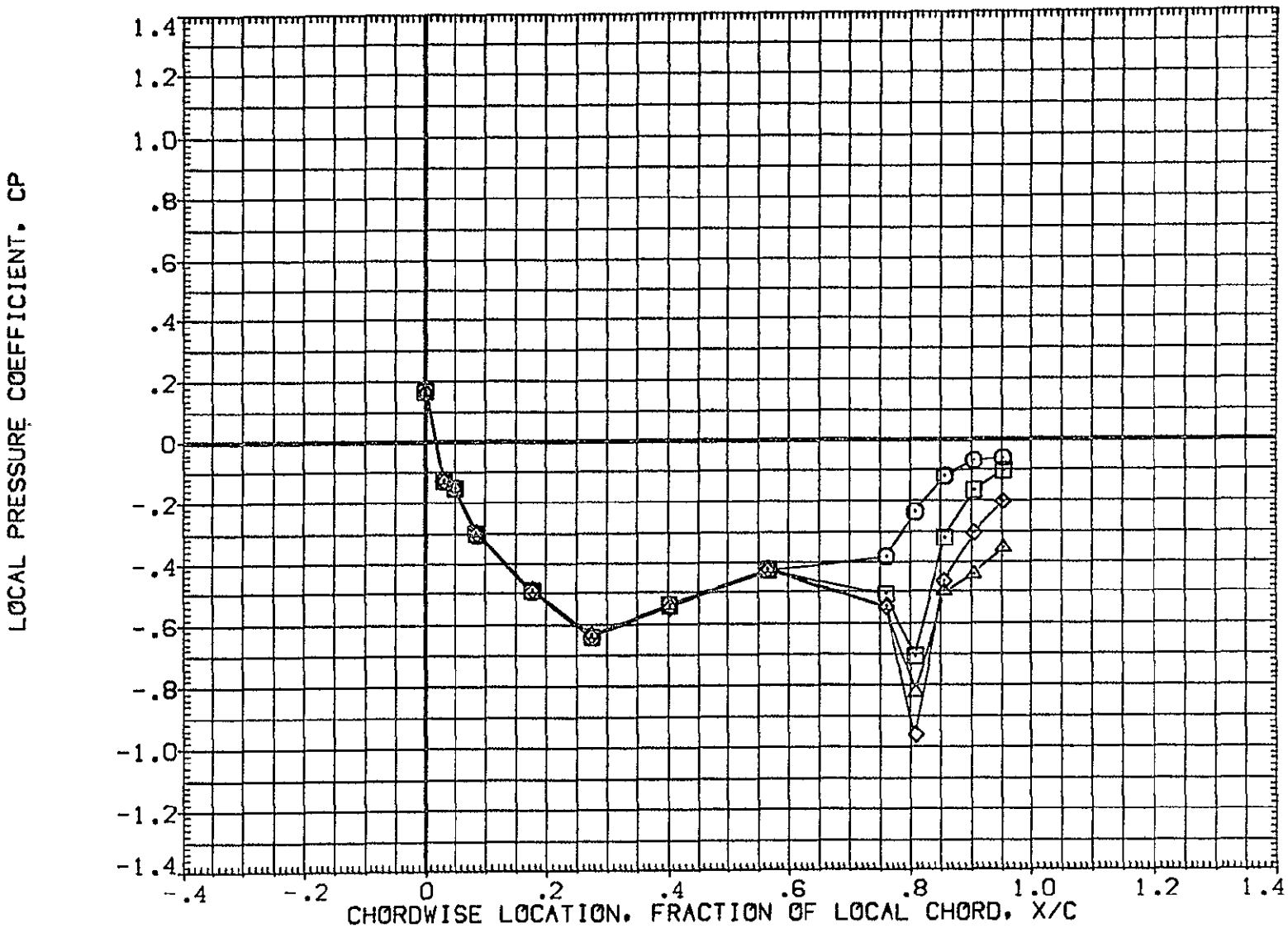

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

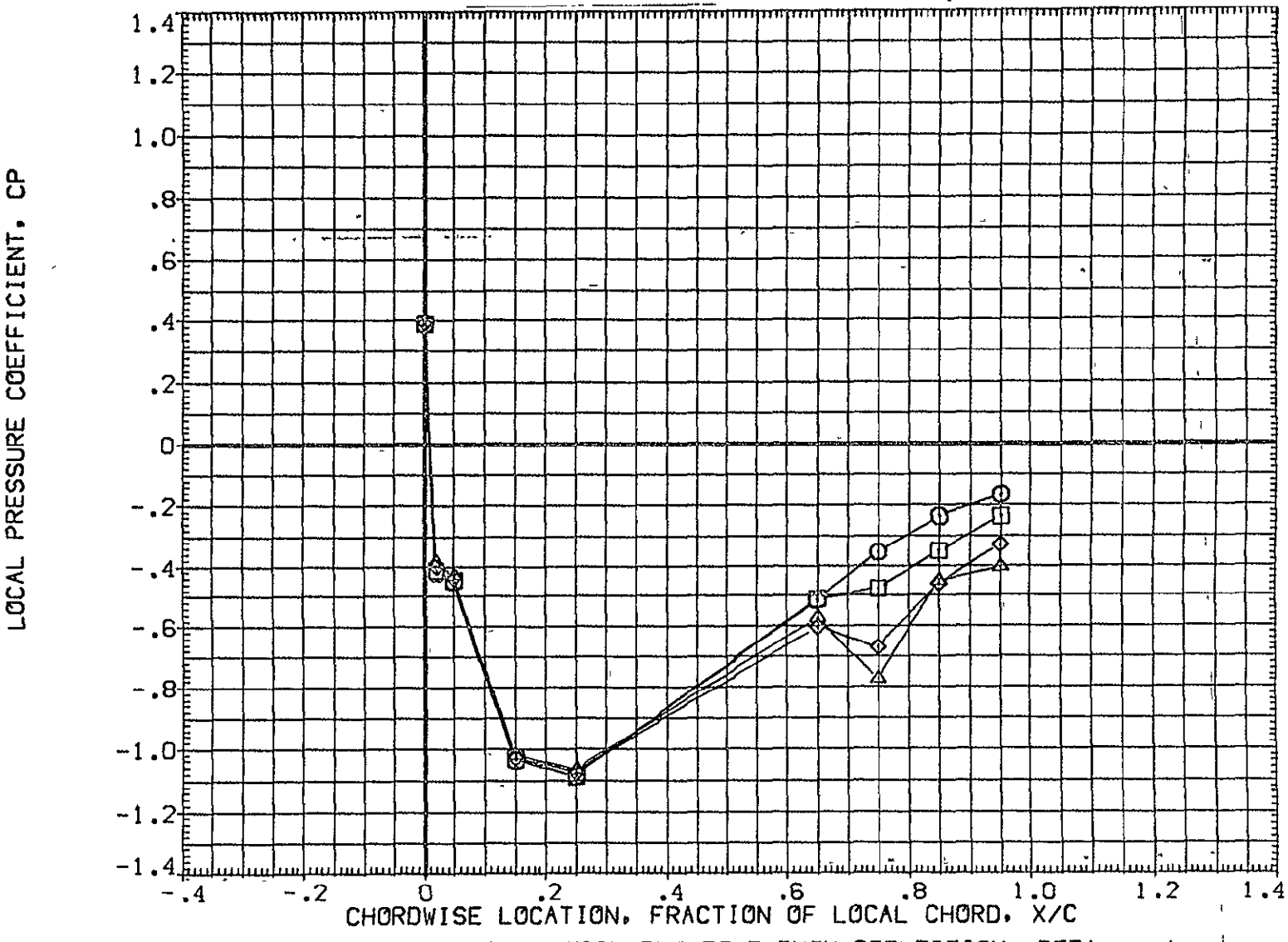

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

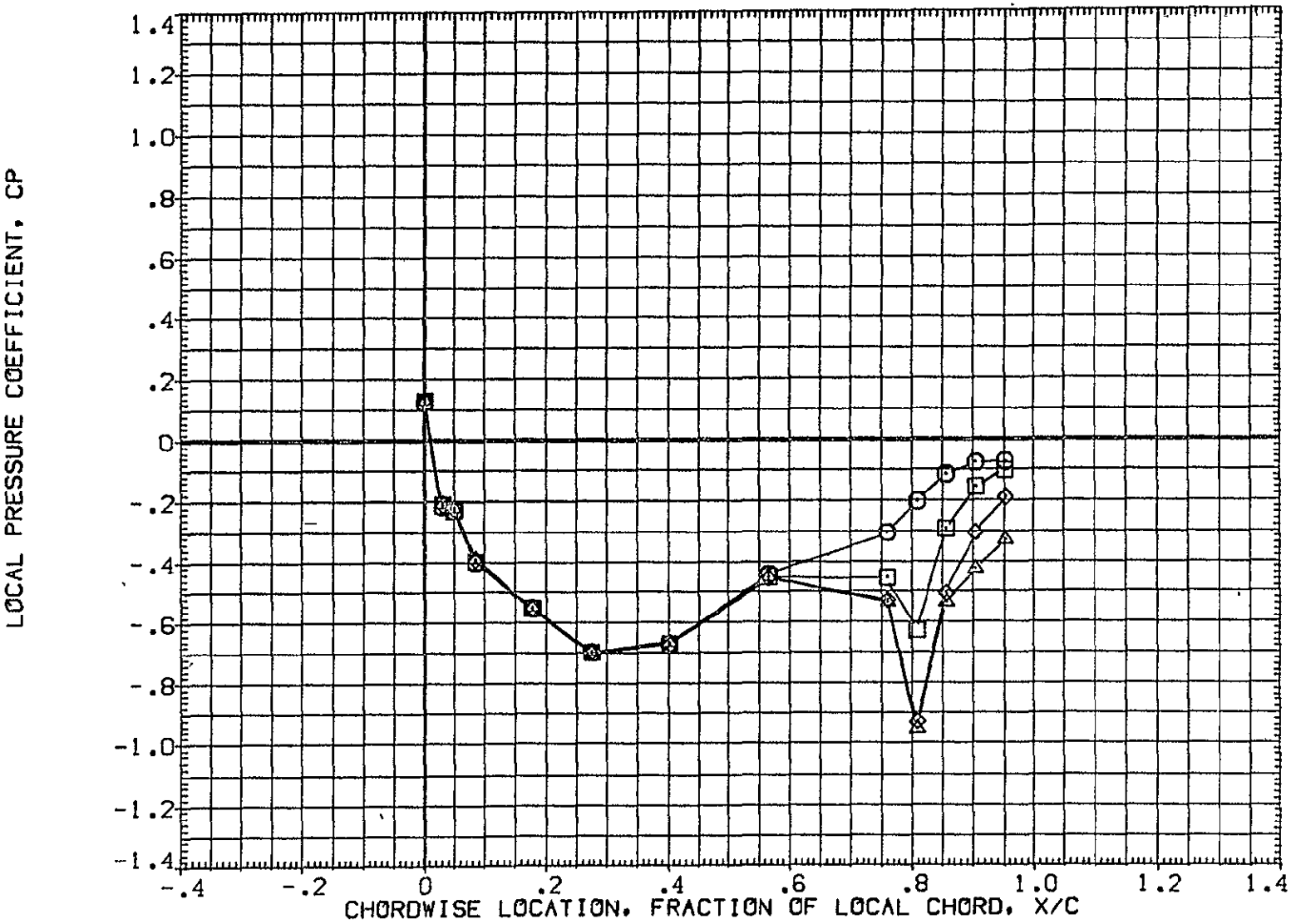

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46) ○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51) □	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56) ◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61) △	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

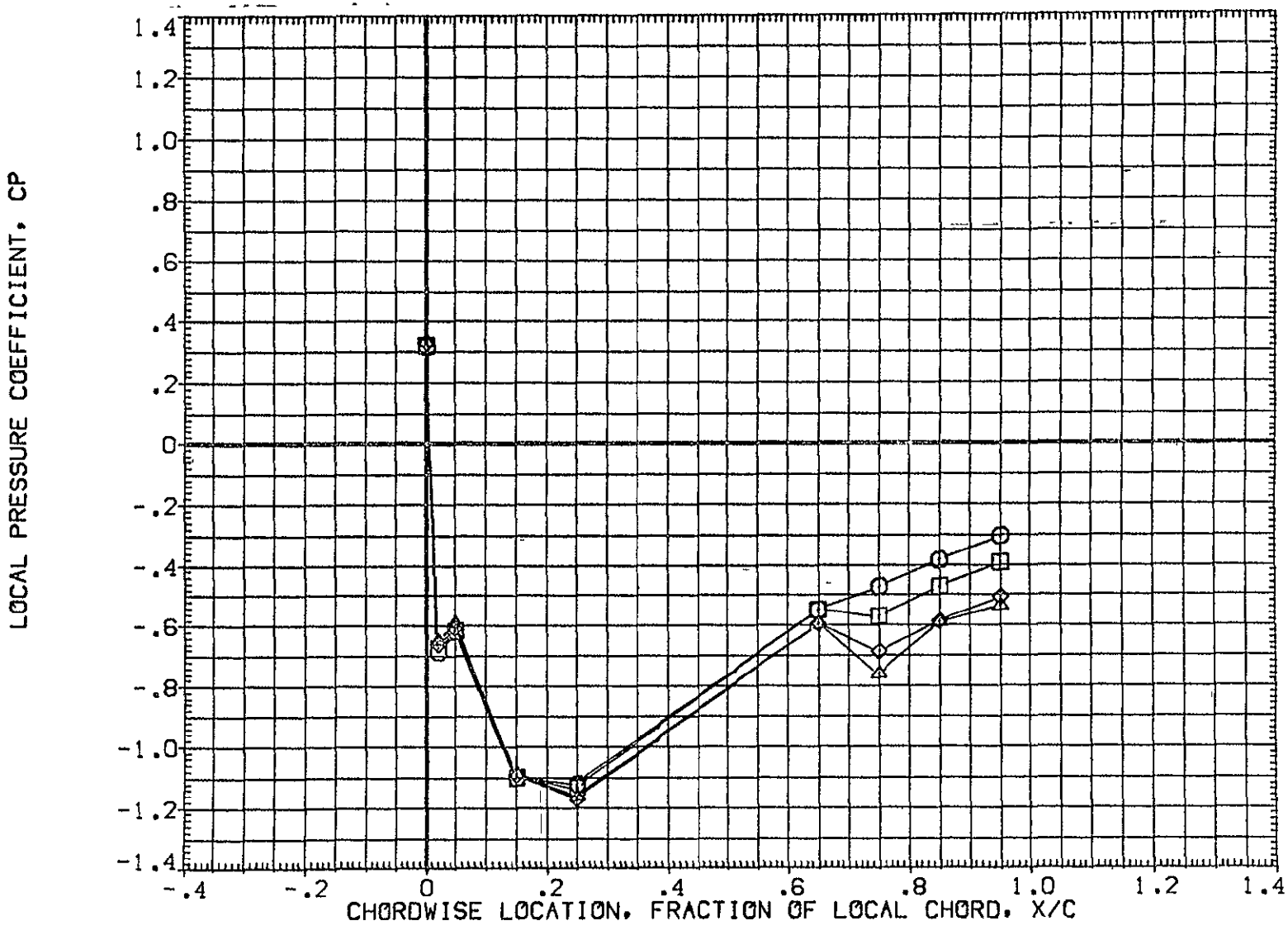

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

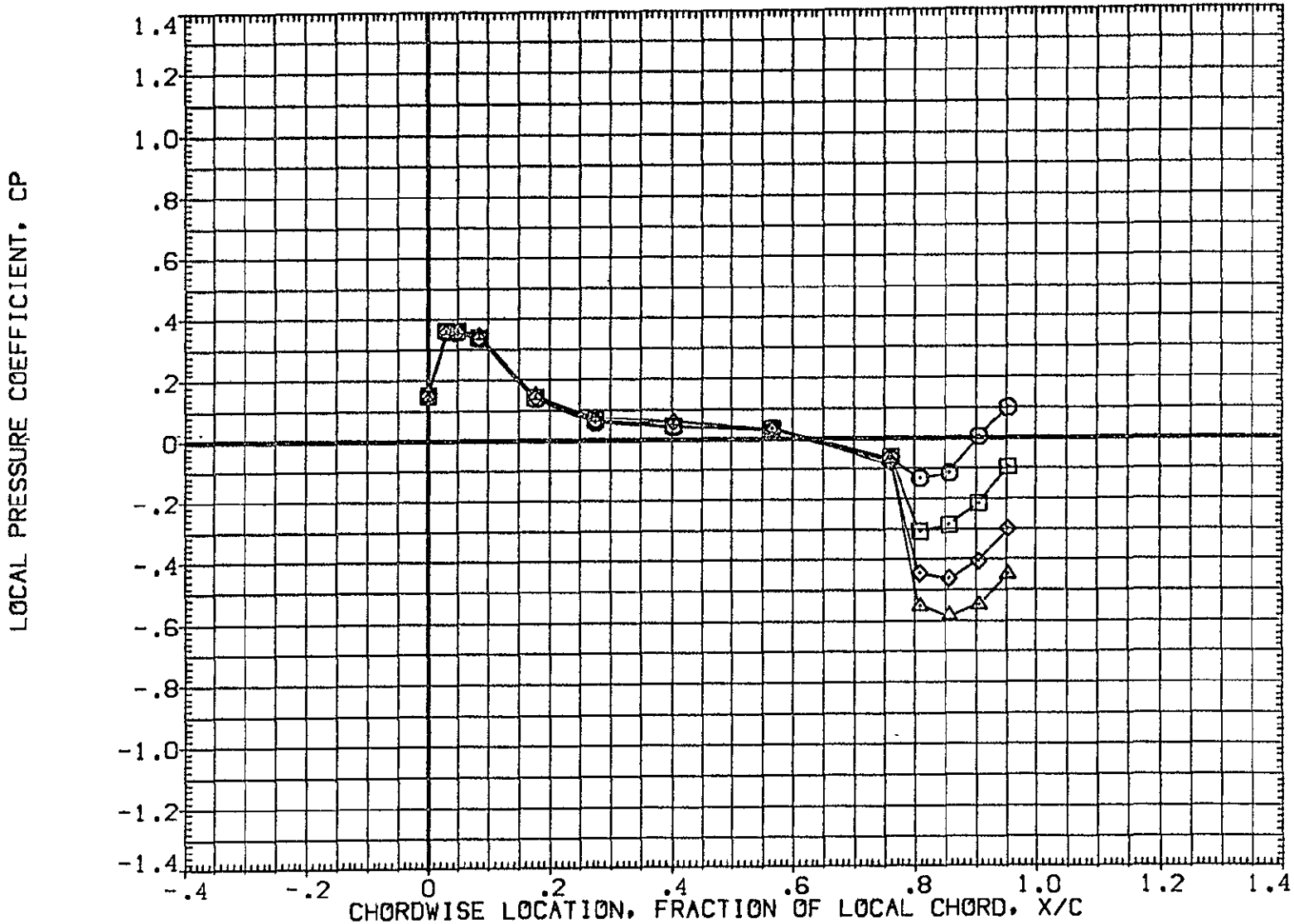

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

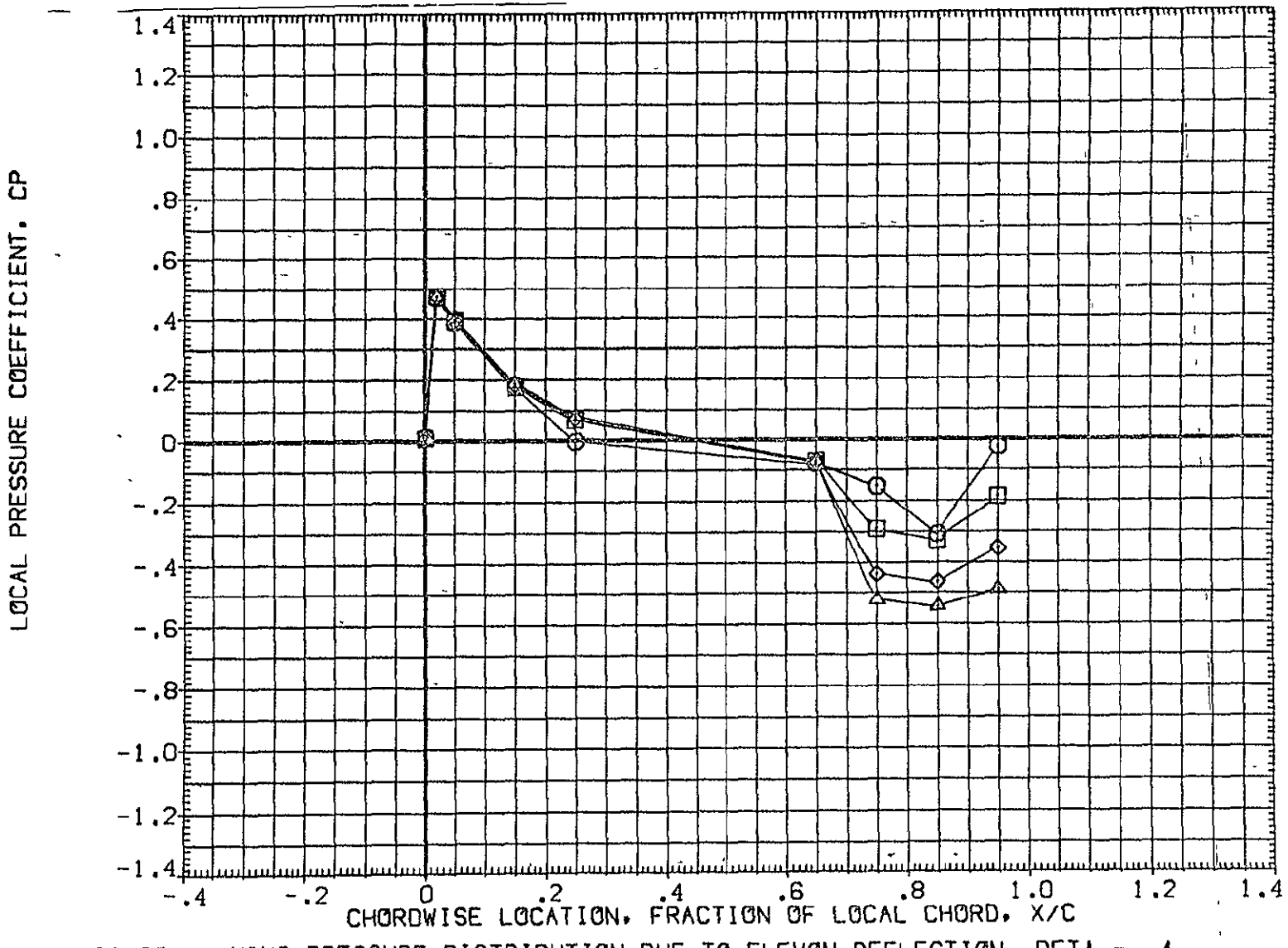

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	▢	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	⊠	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

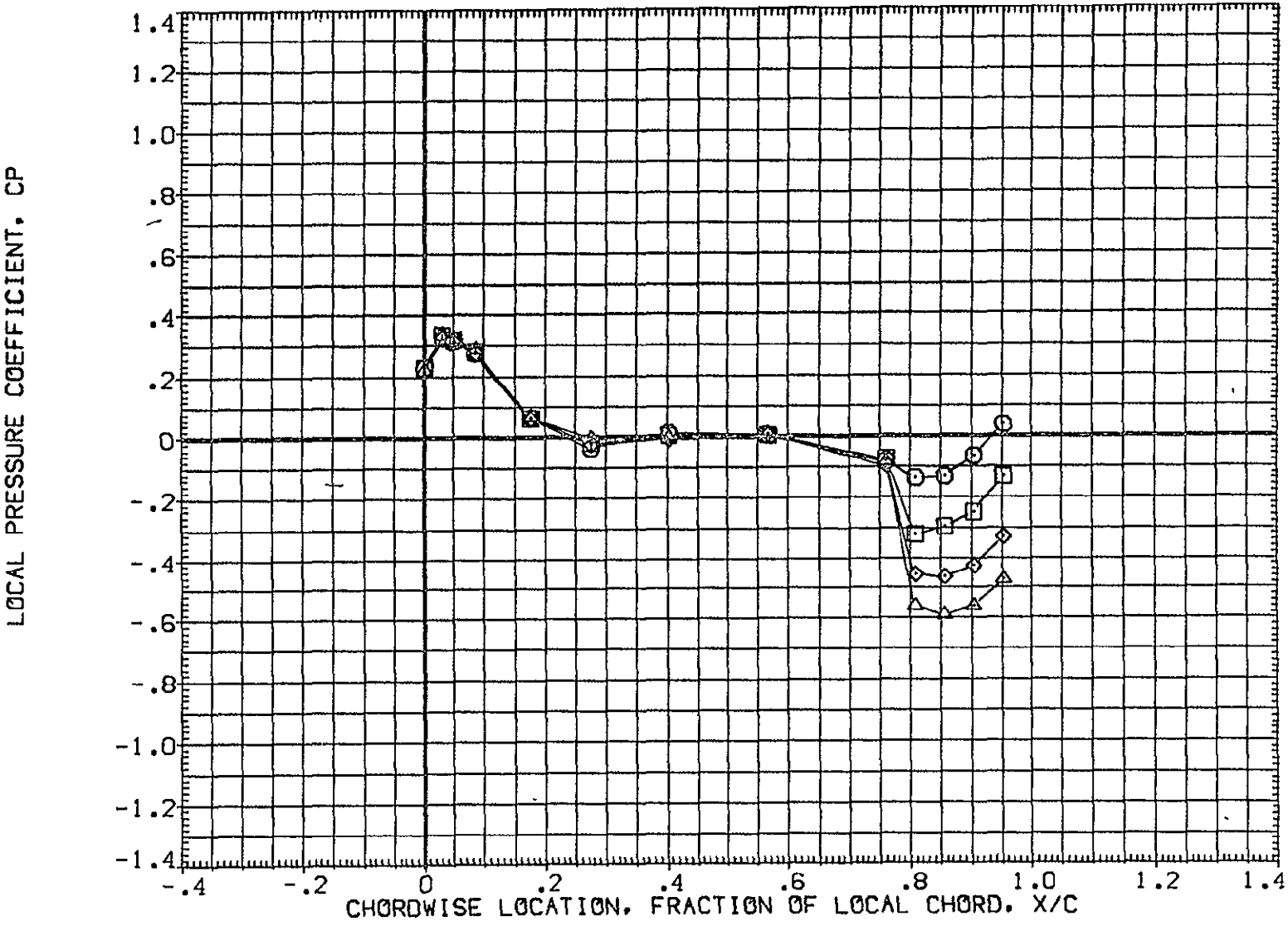

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	⊠	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

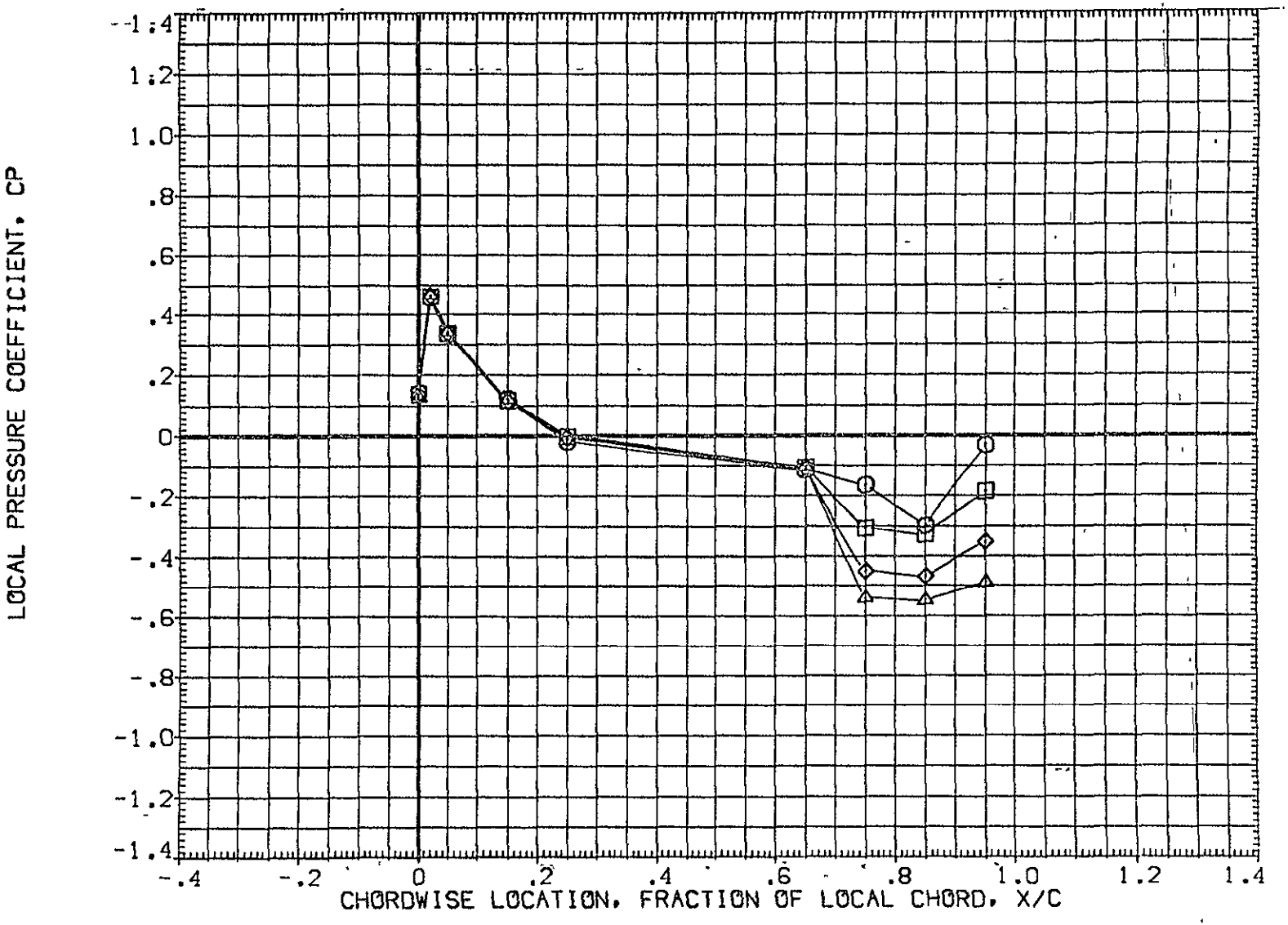

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

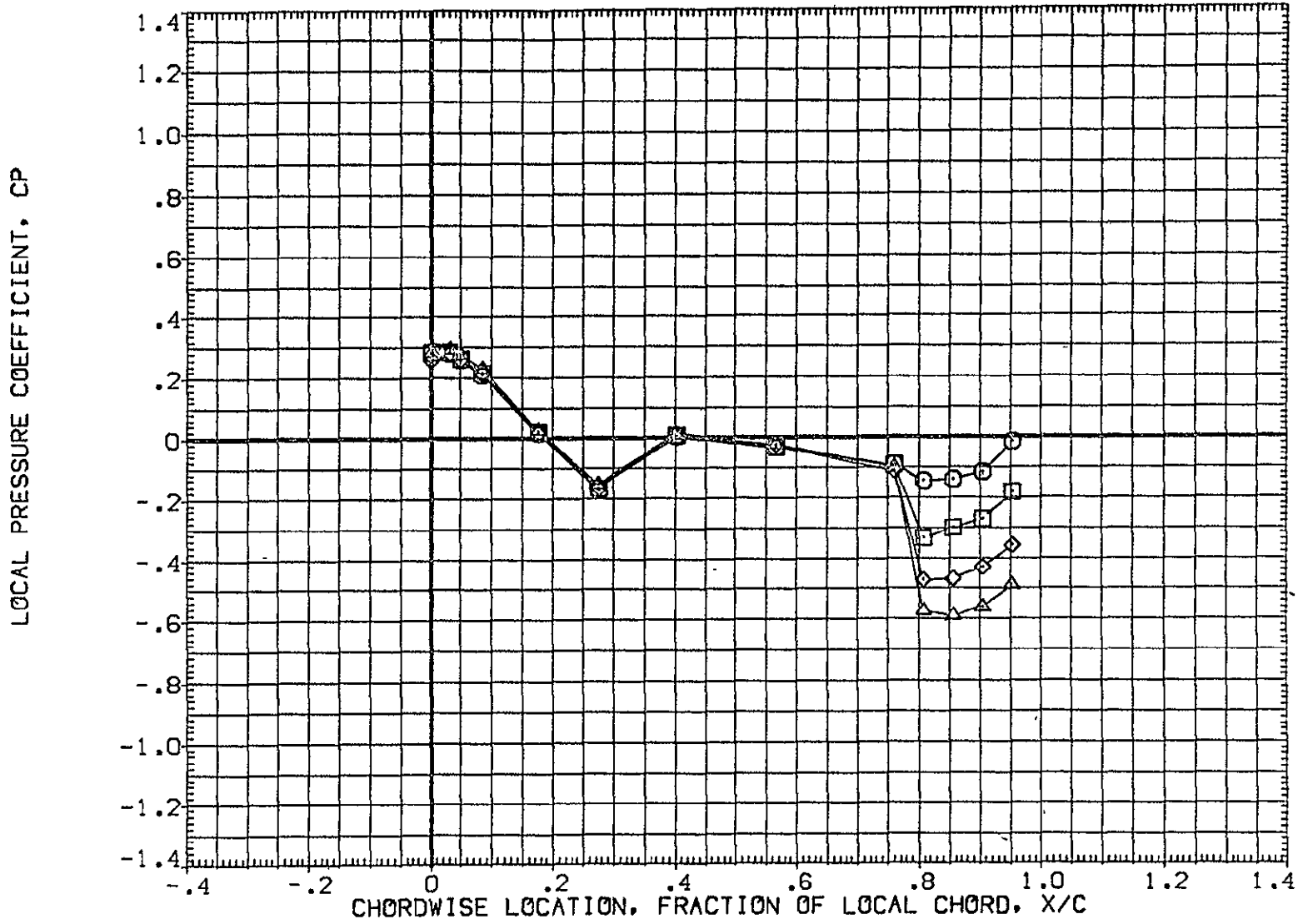

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

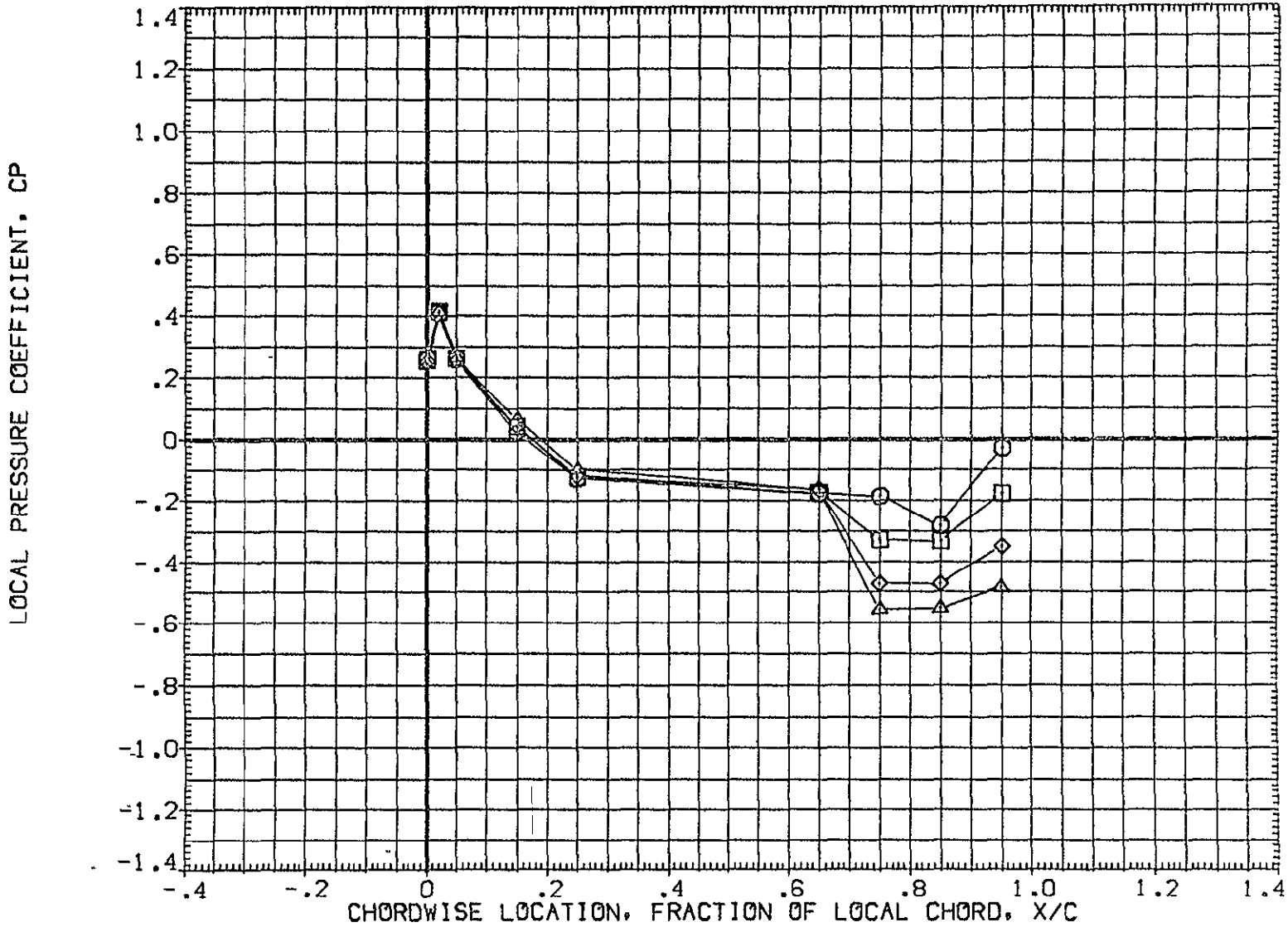

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

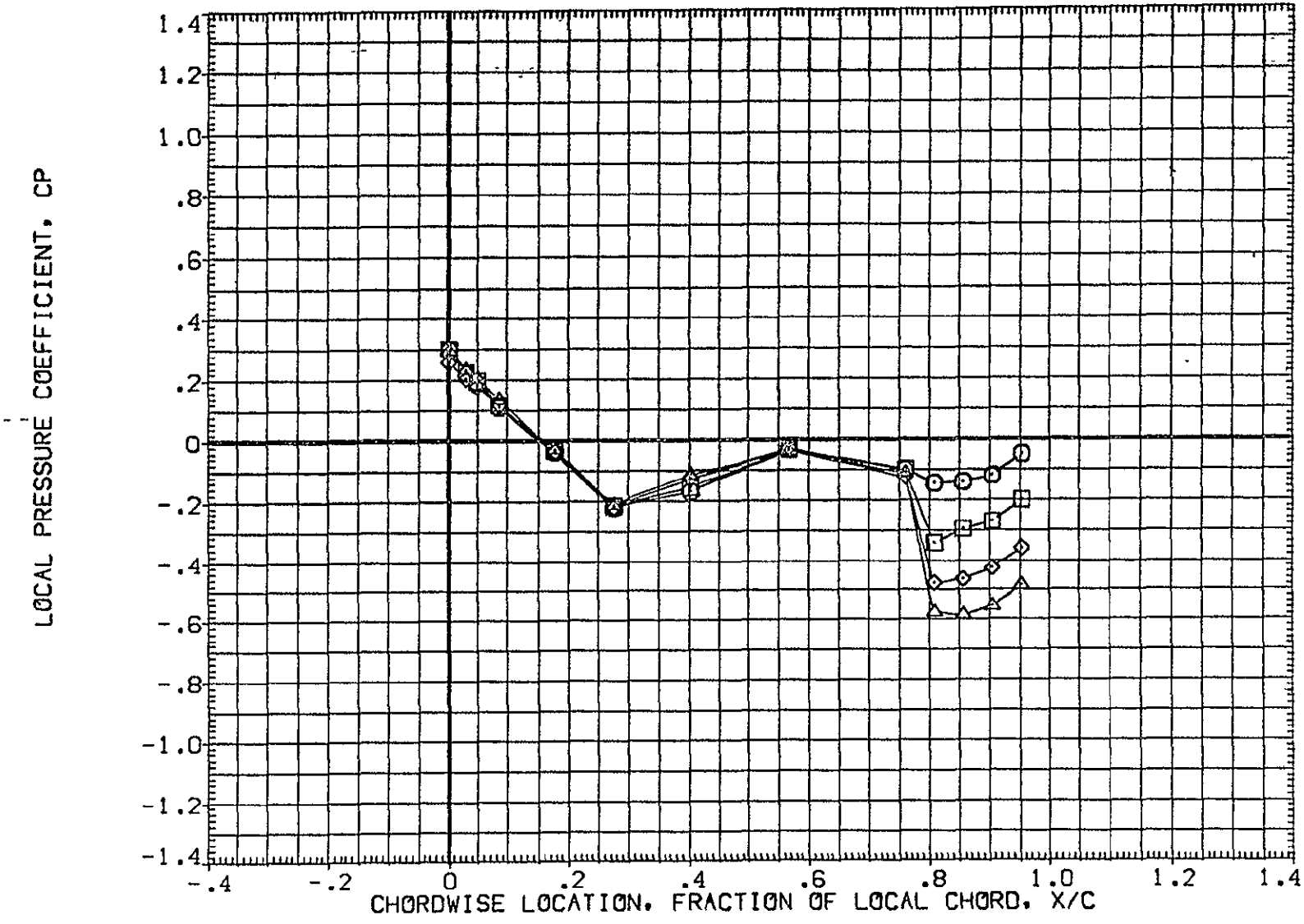

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

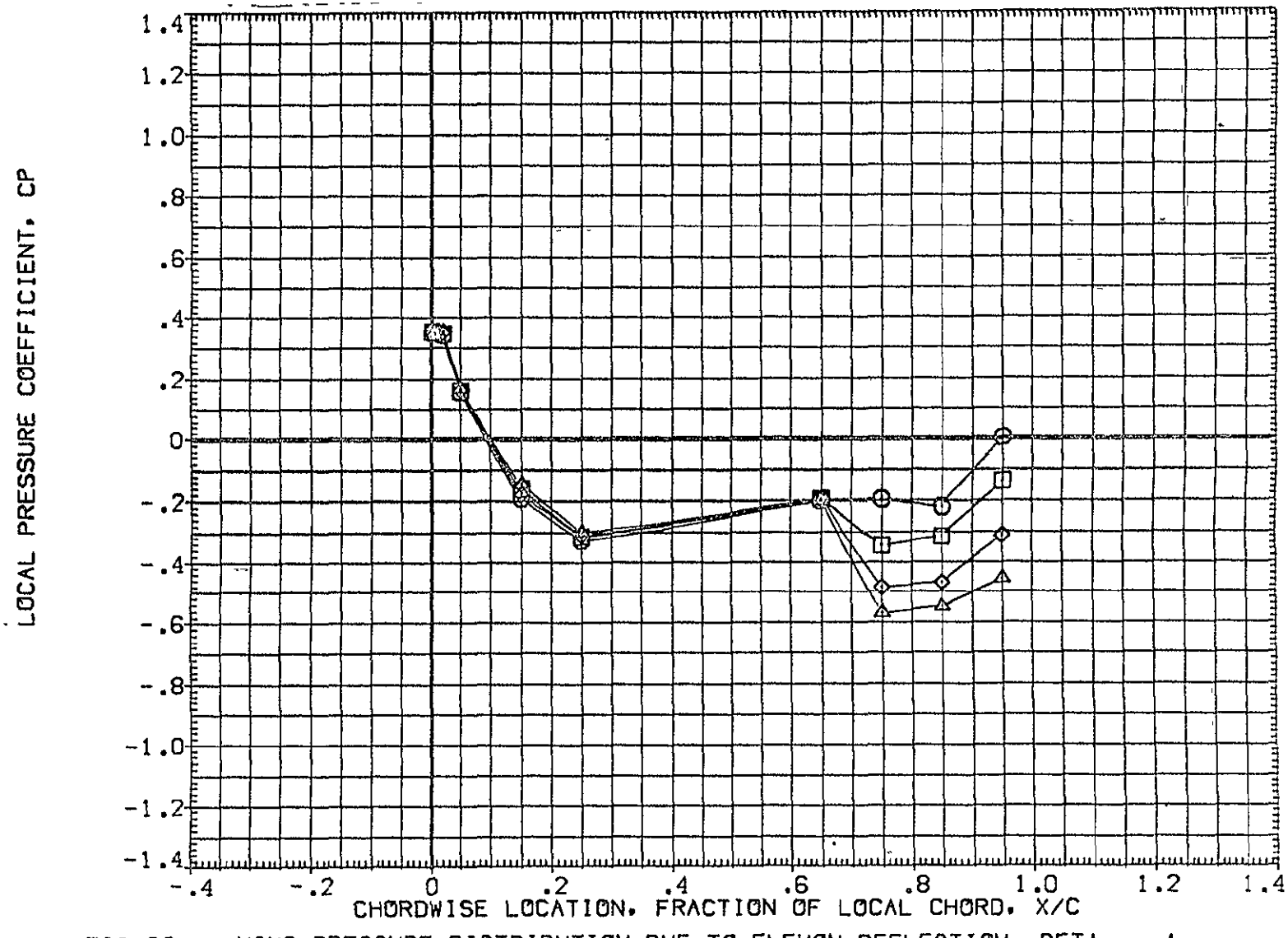

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

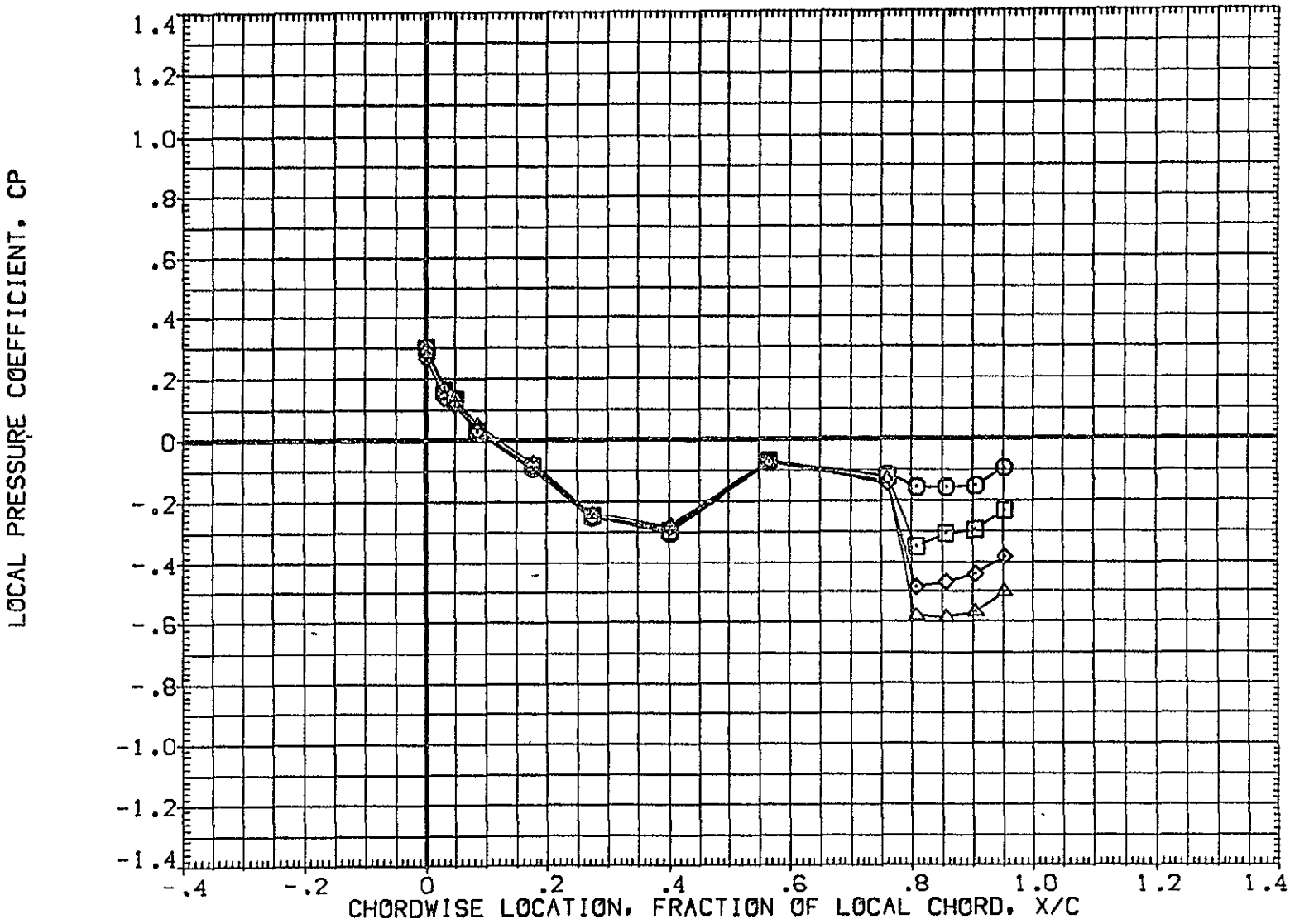

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

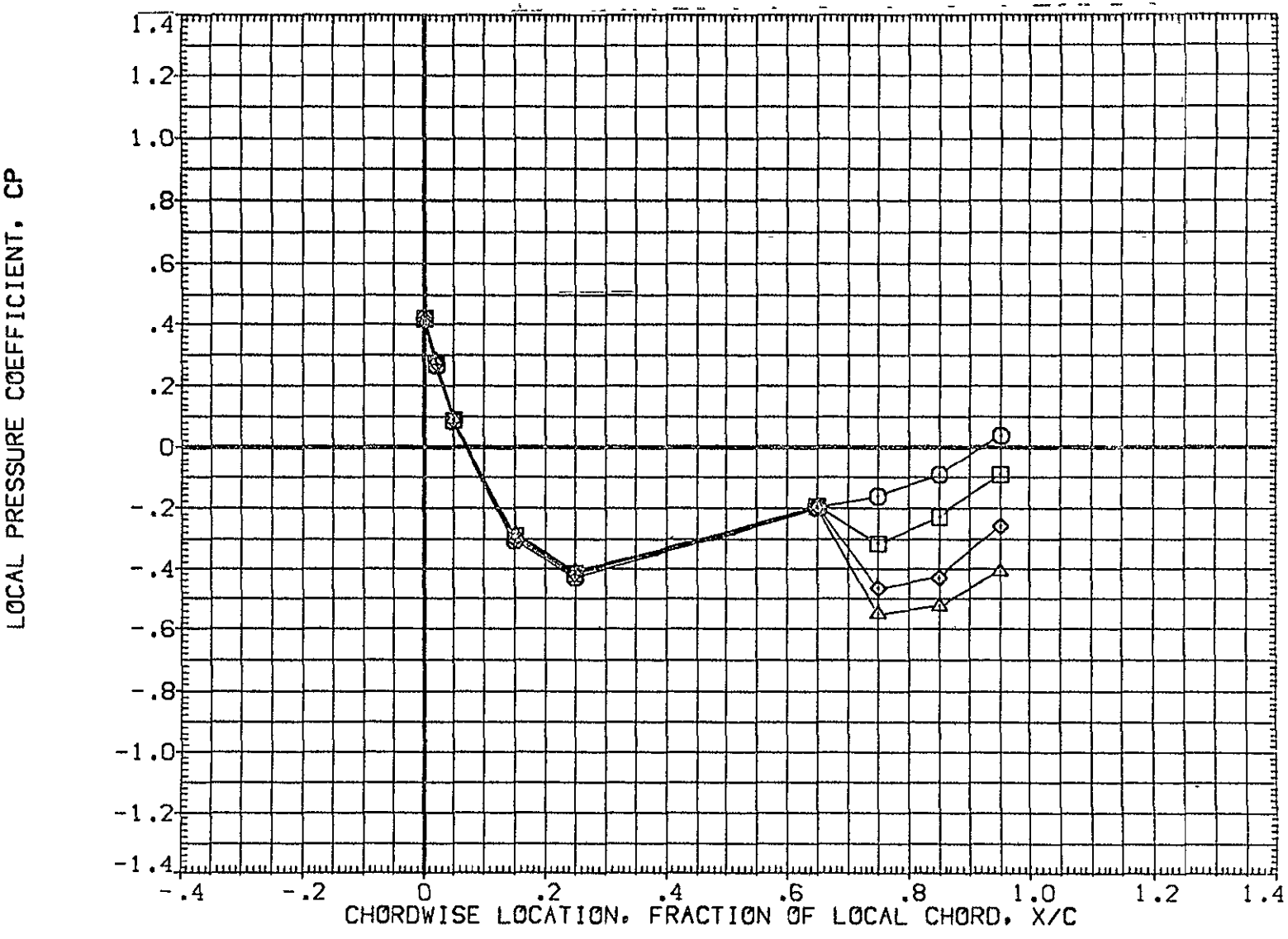

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

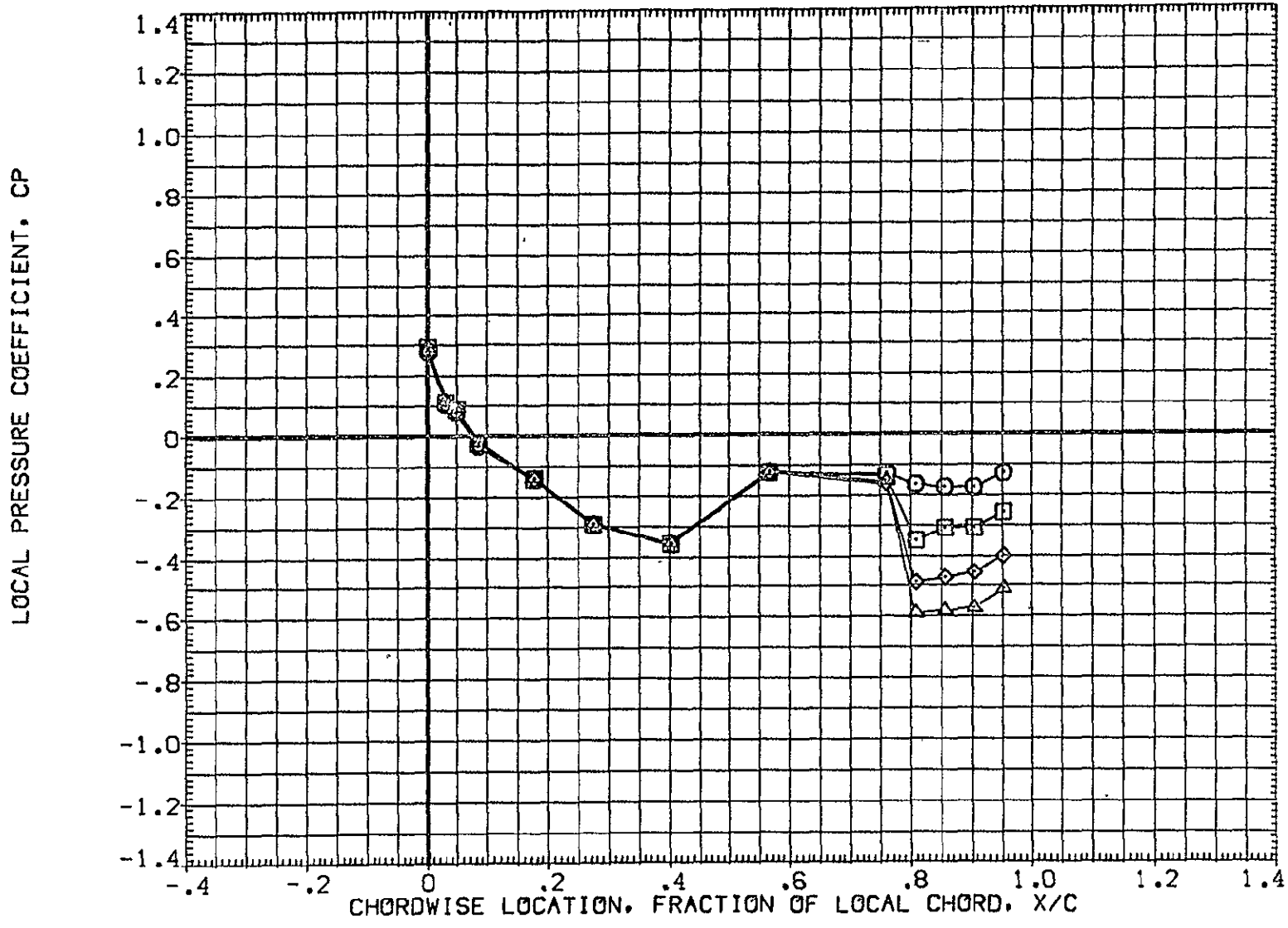

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

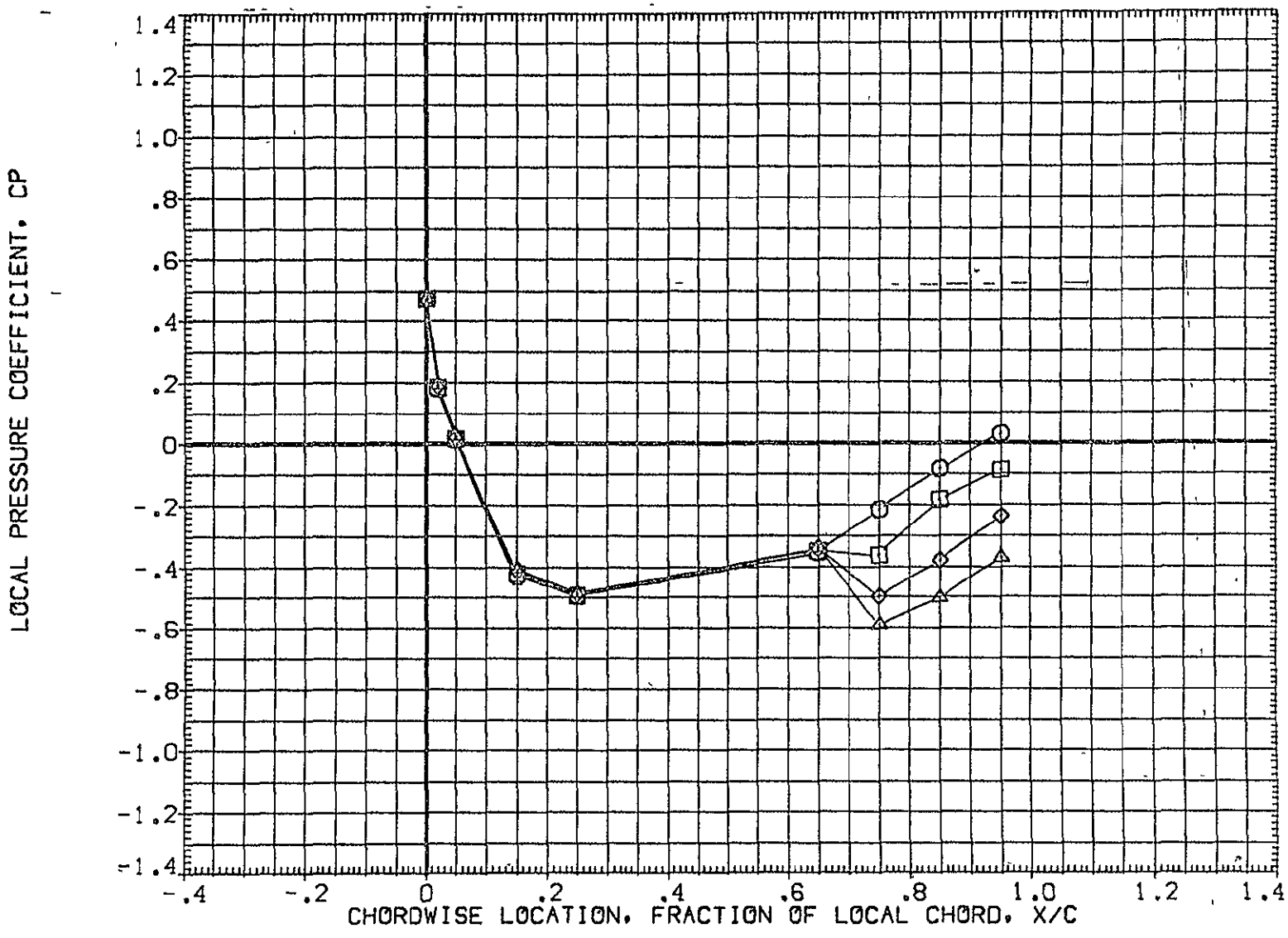

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U81)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

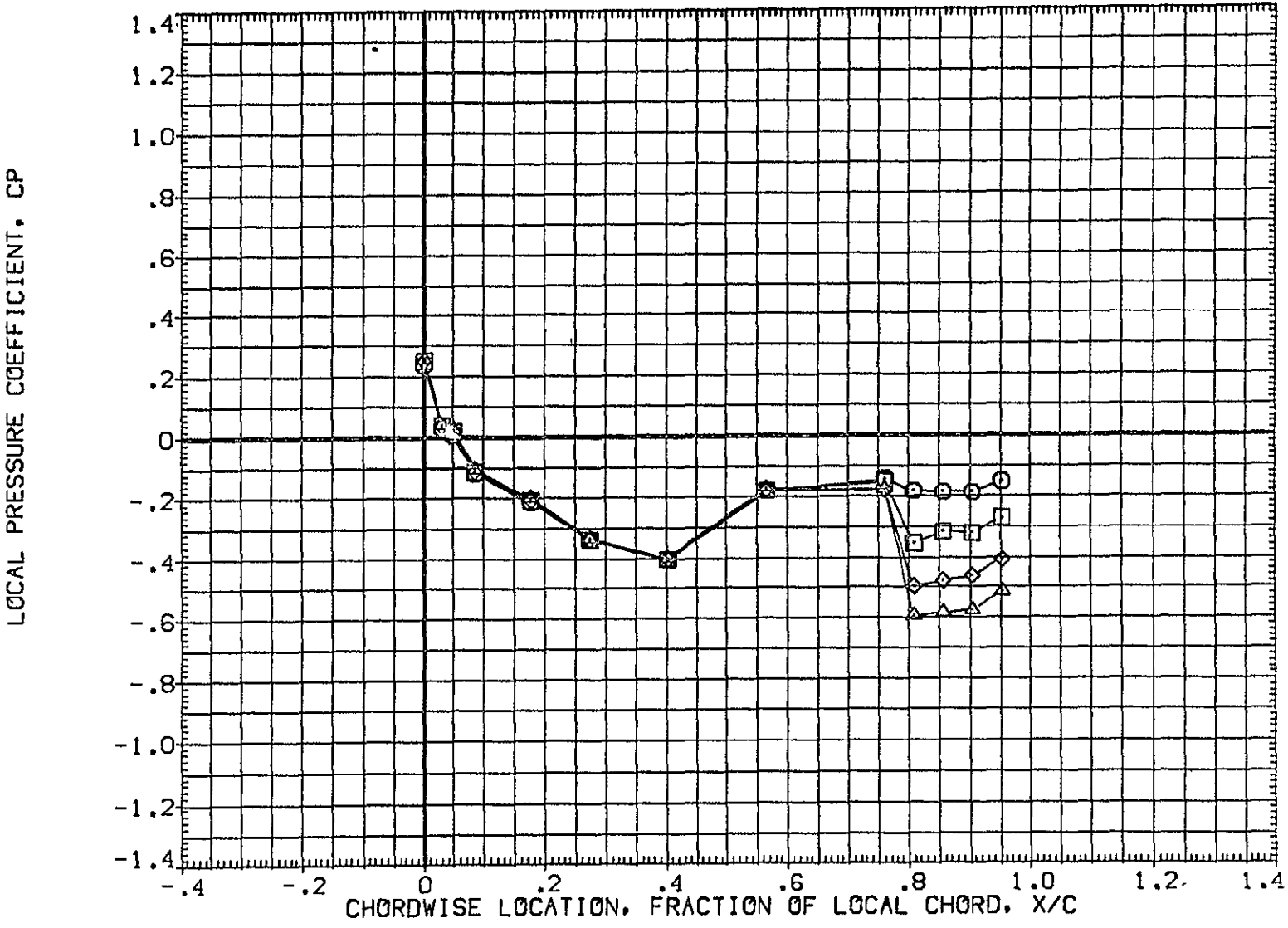

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

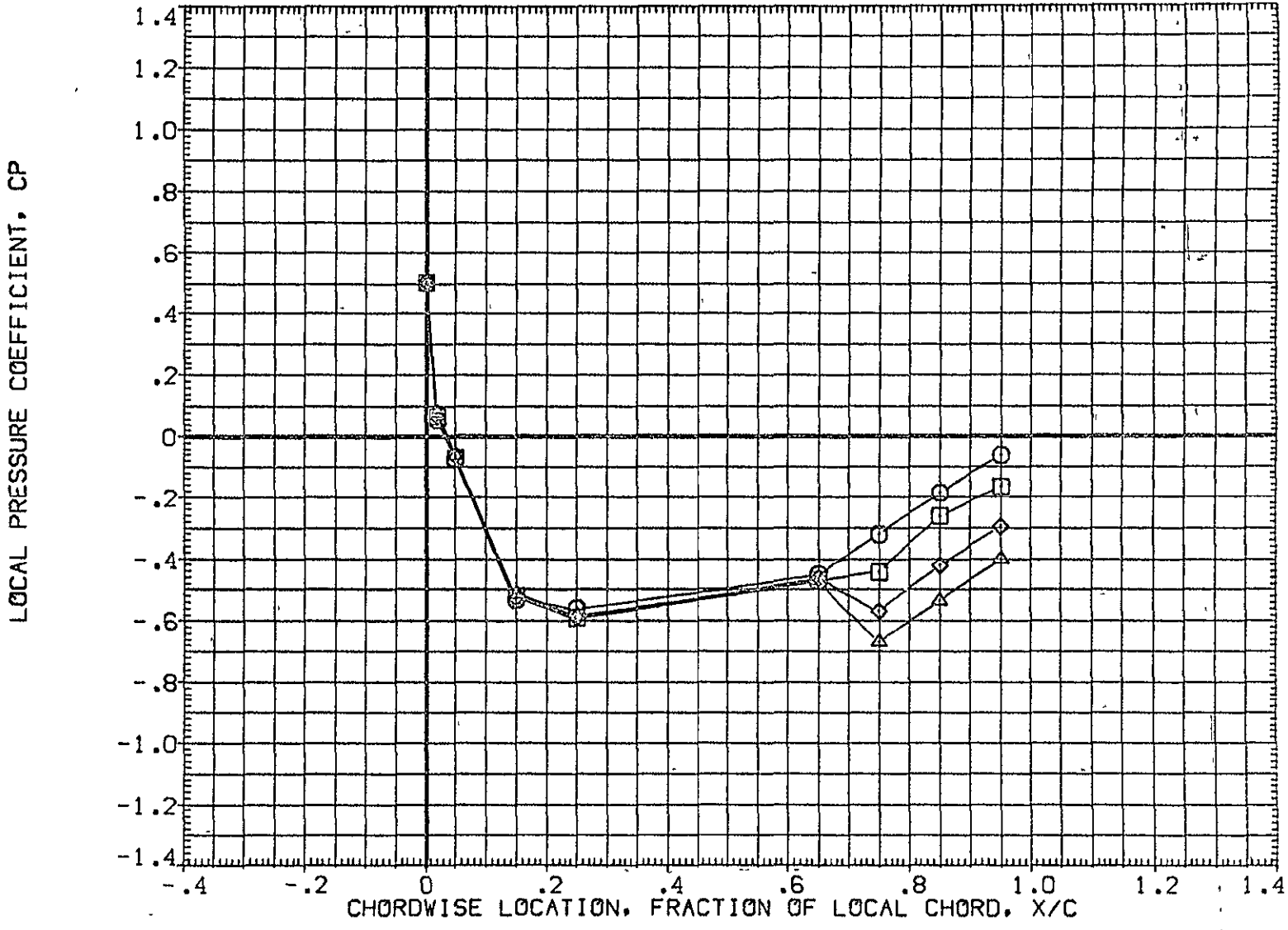

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

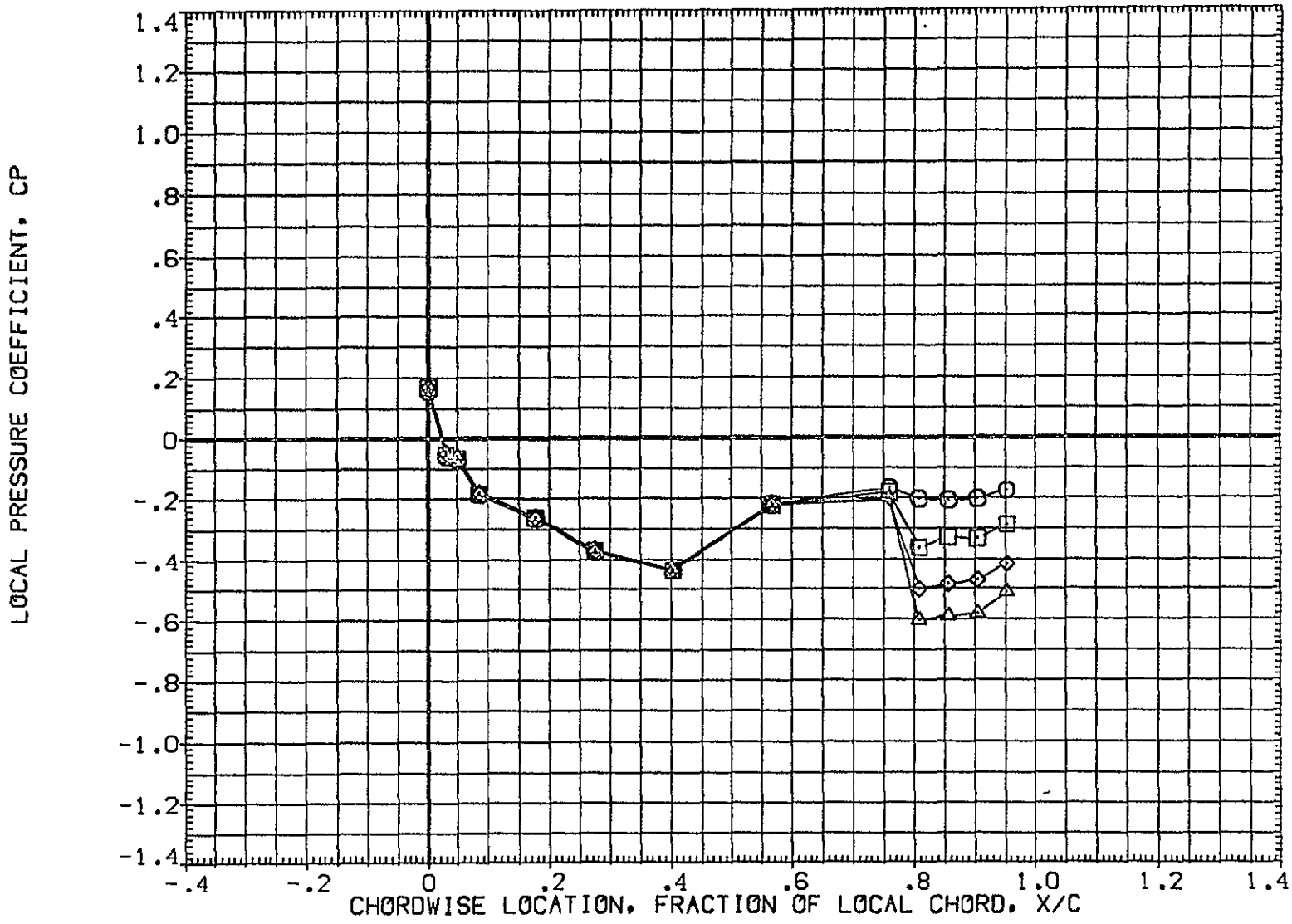

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

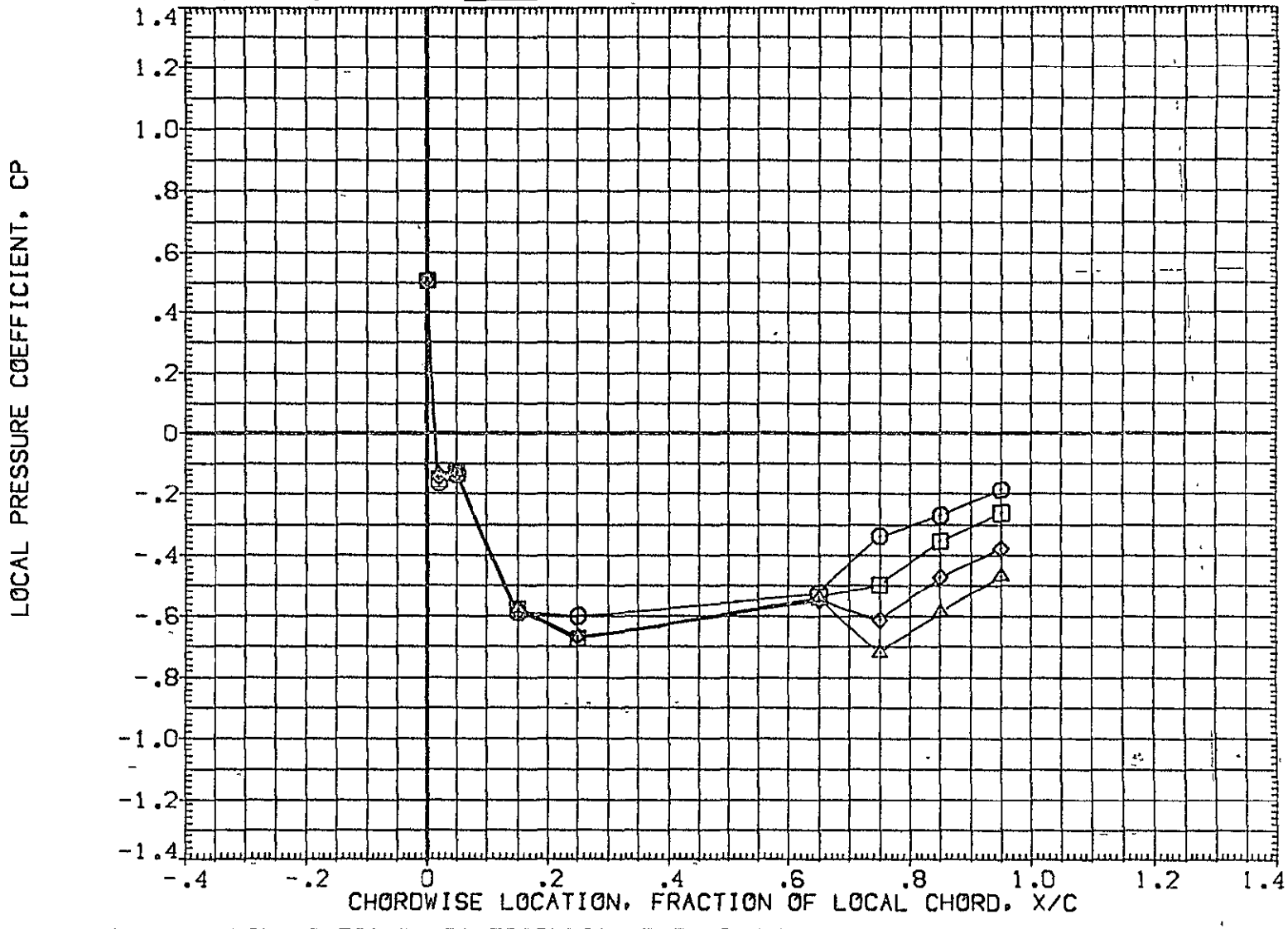

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

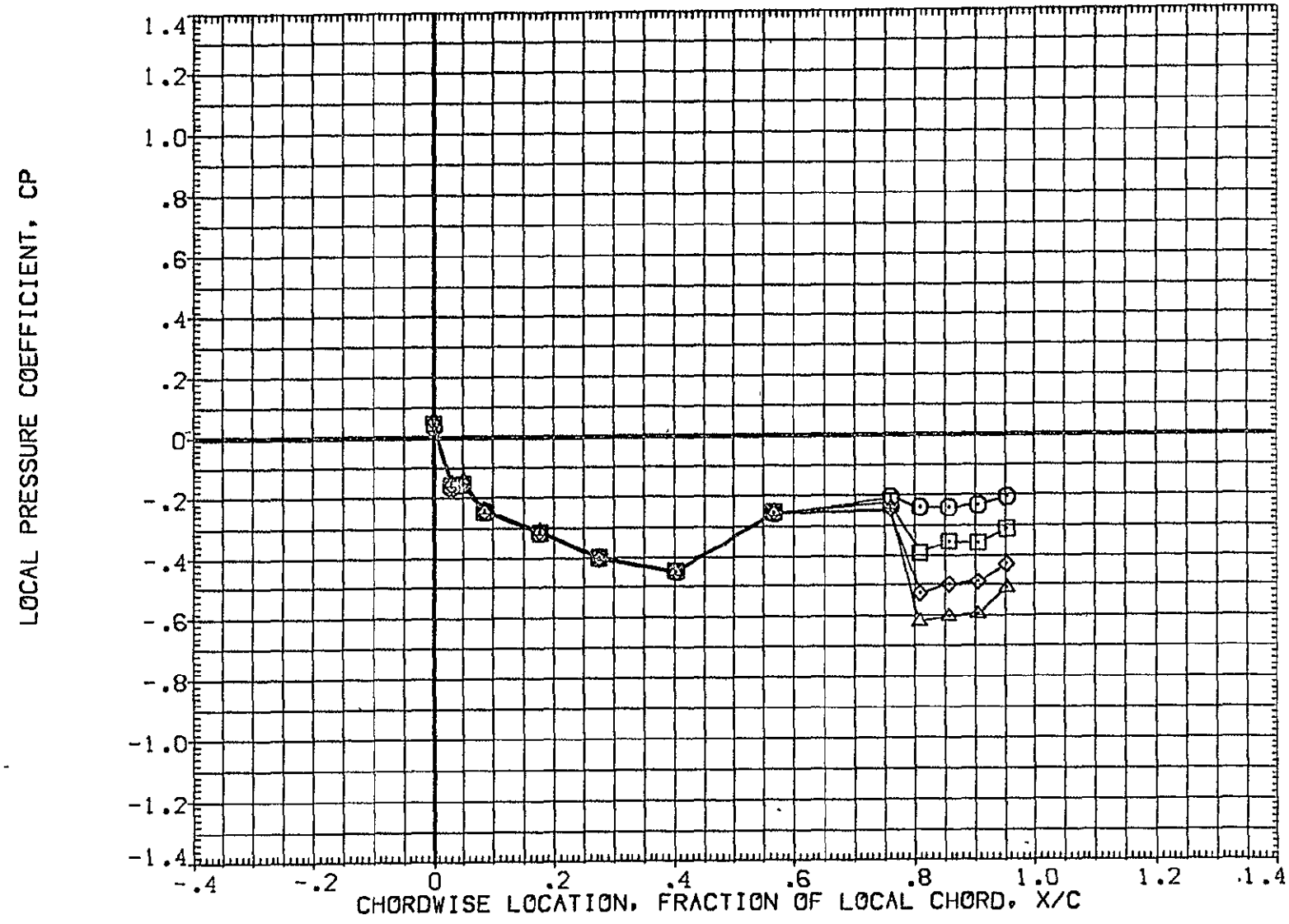

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

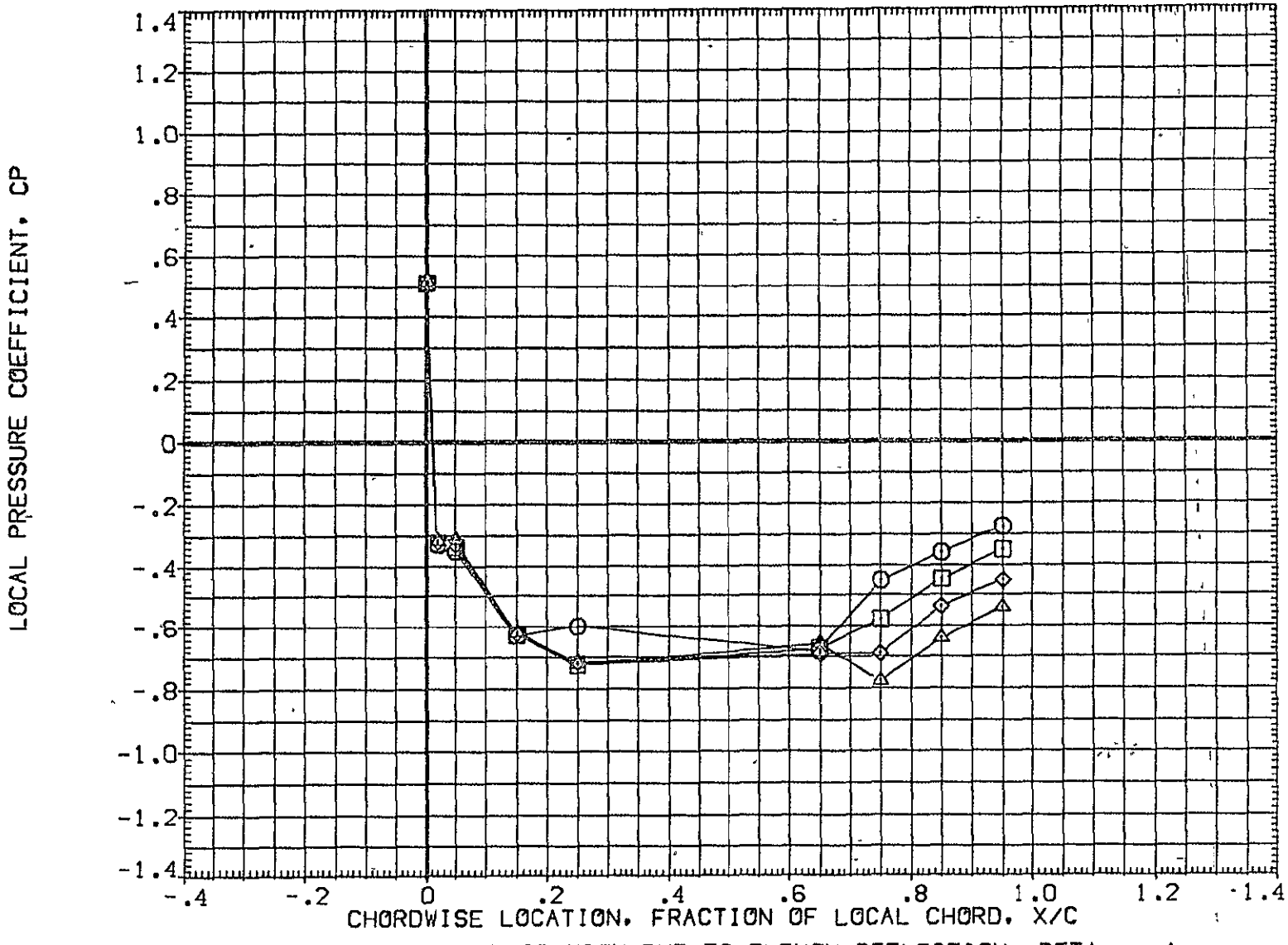

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

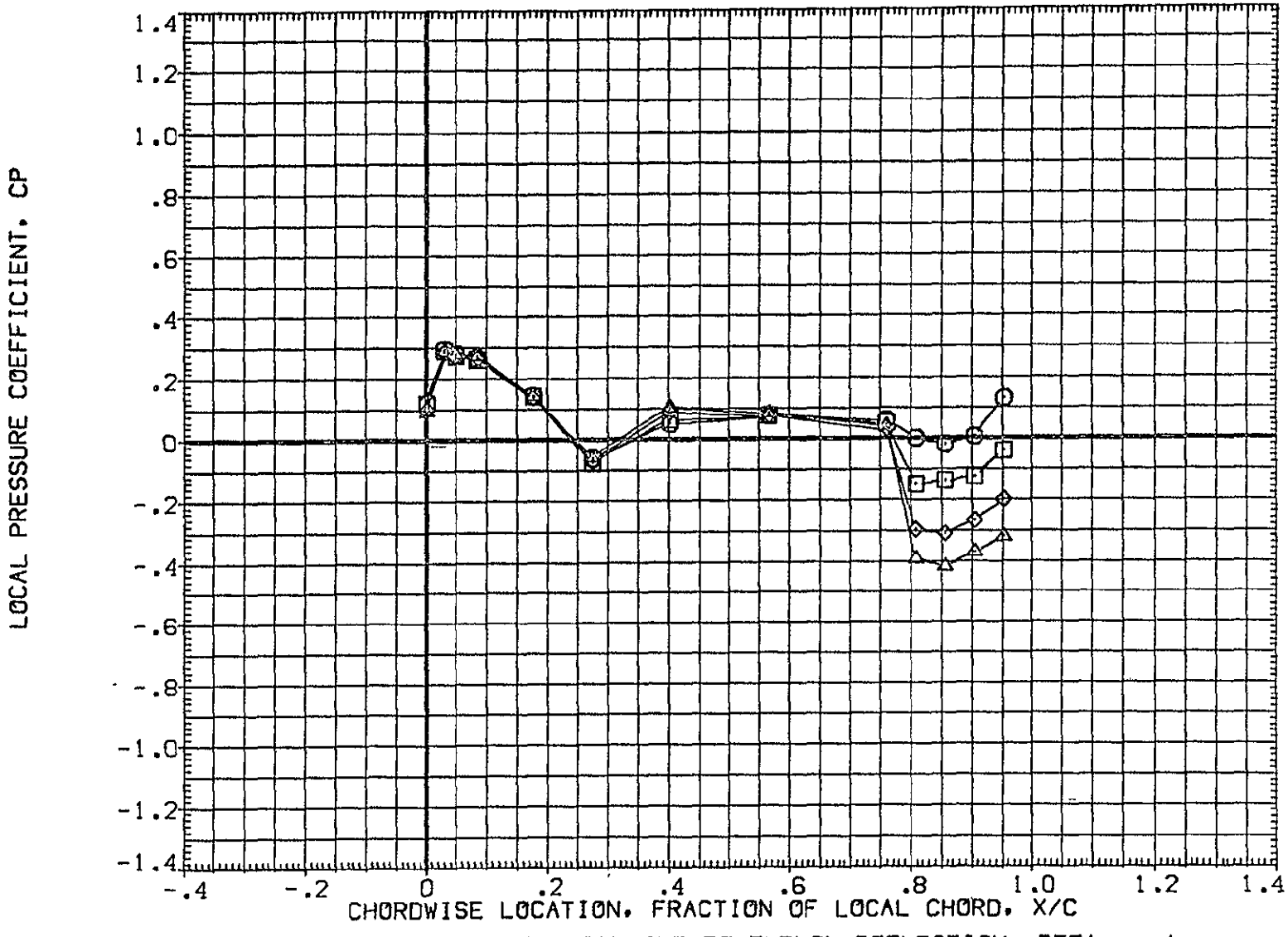

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

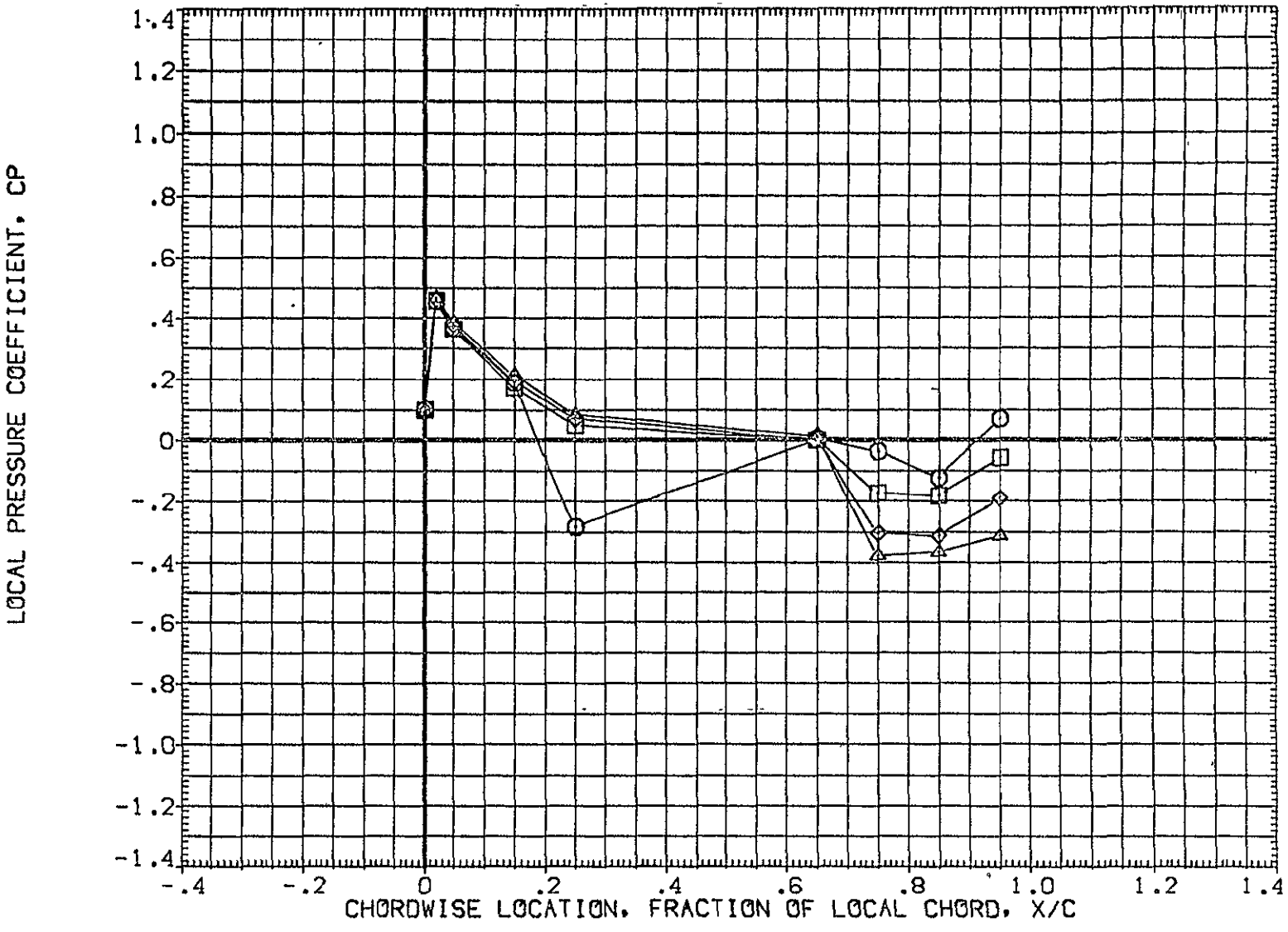

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

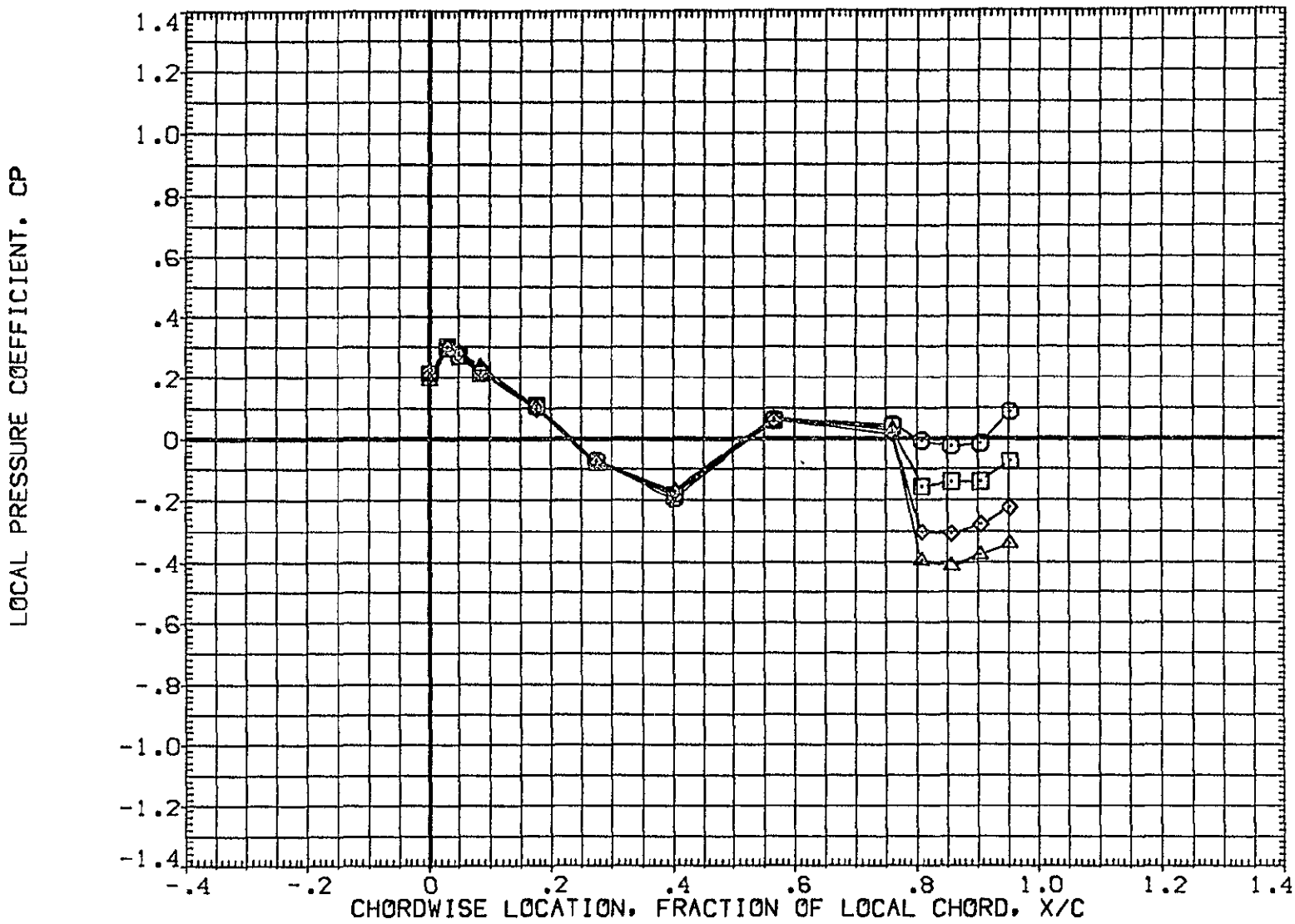

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

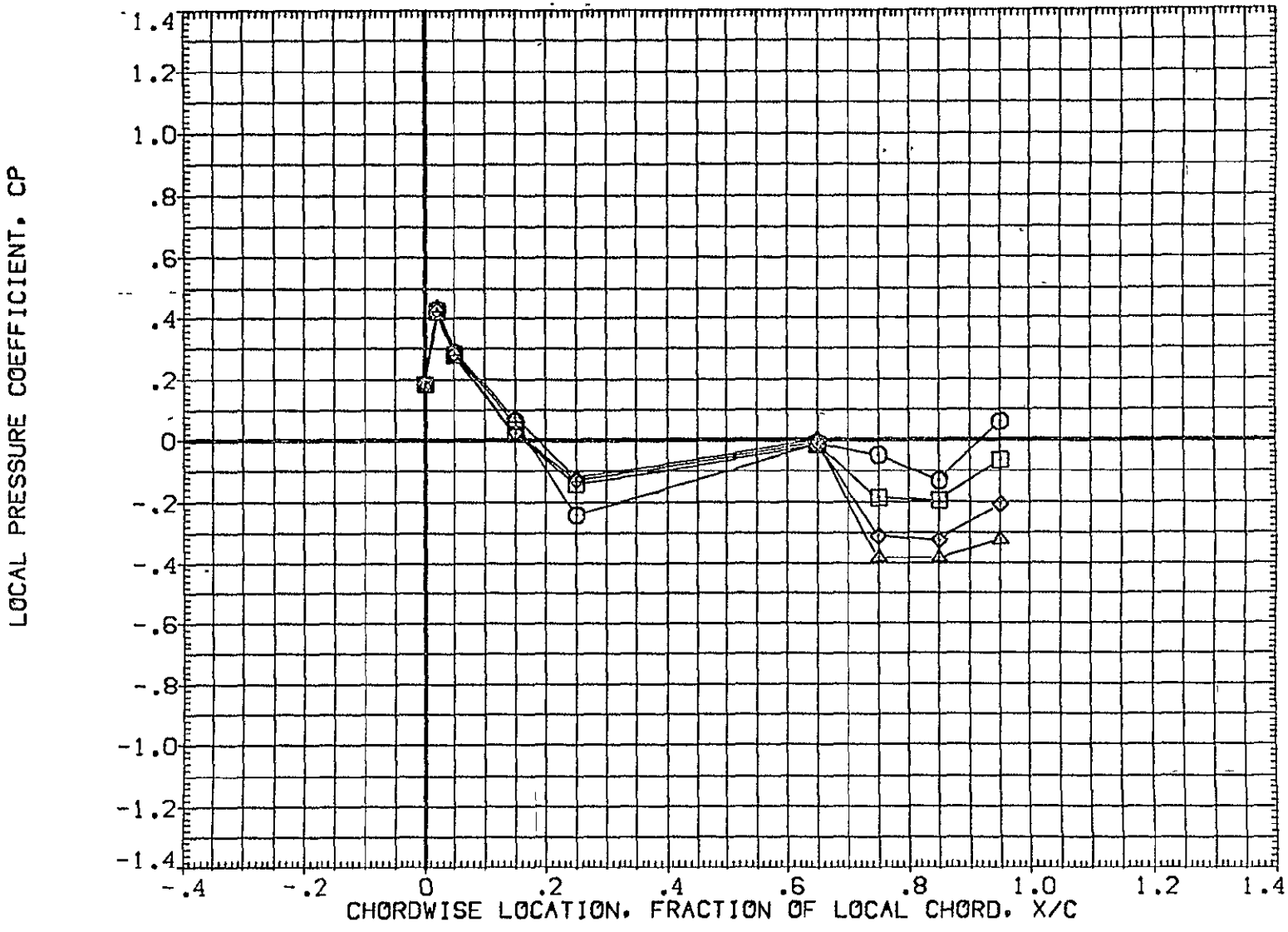

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	⊠	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

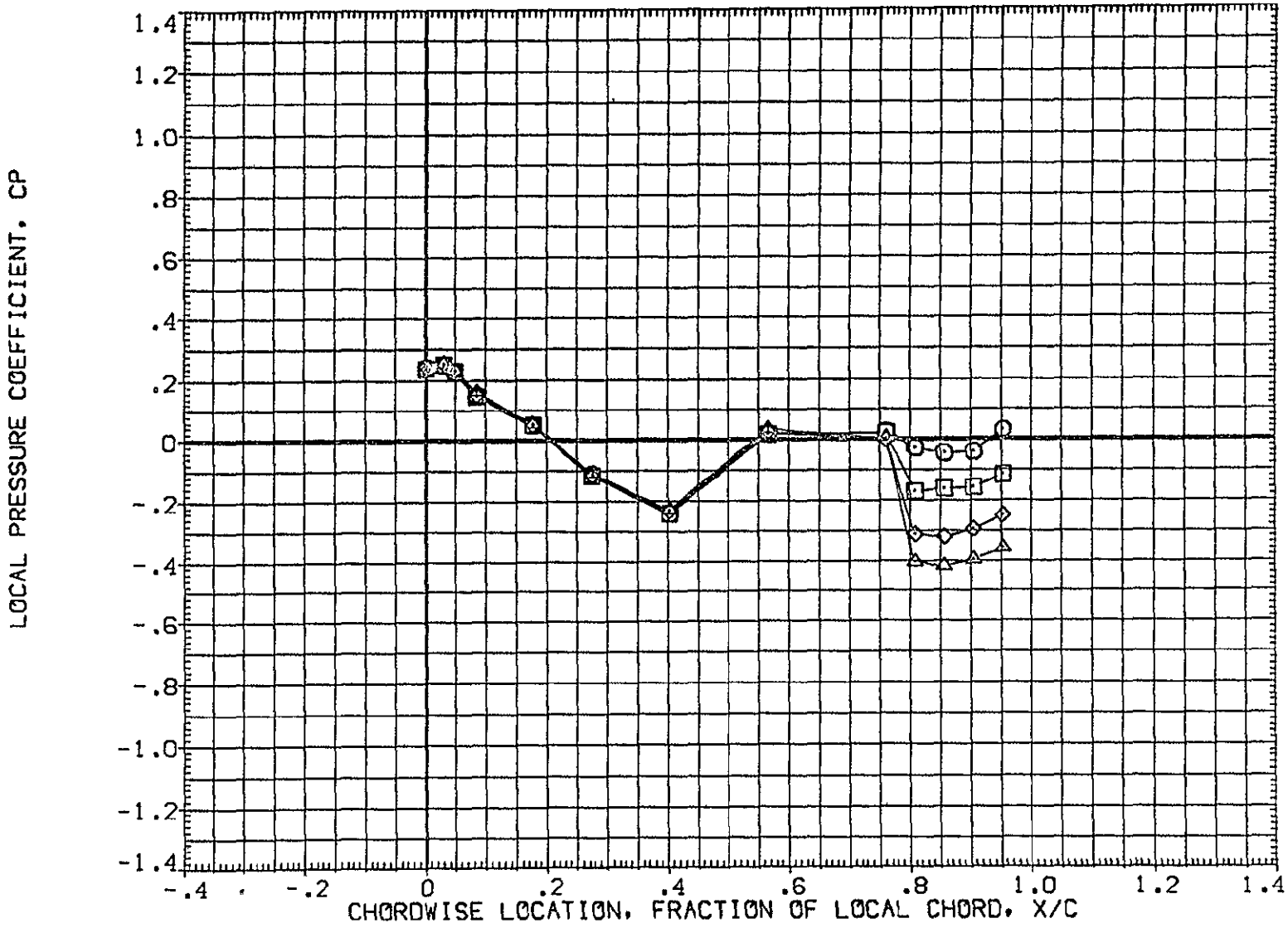

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

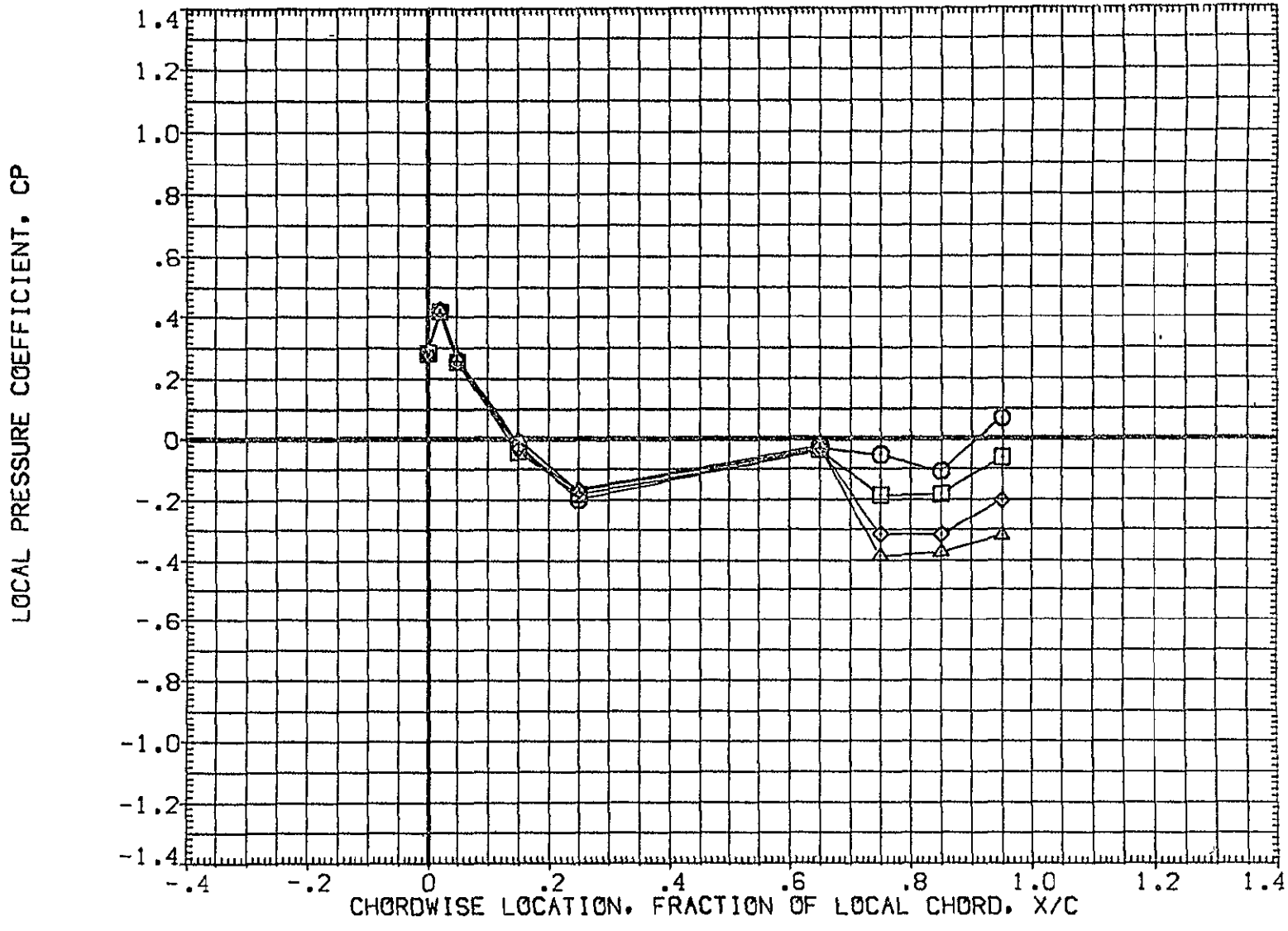

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

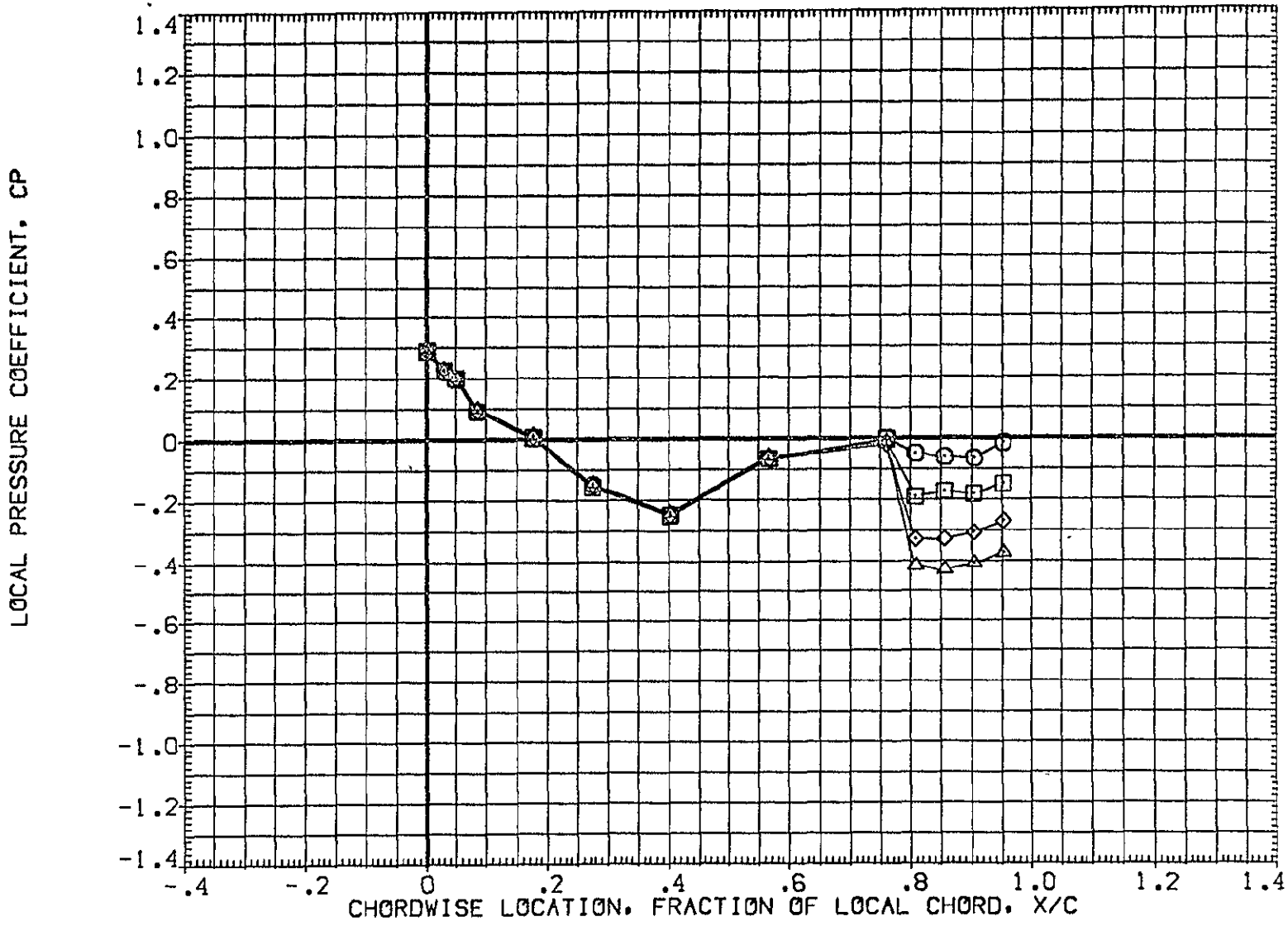

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

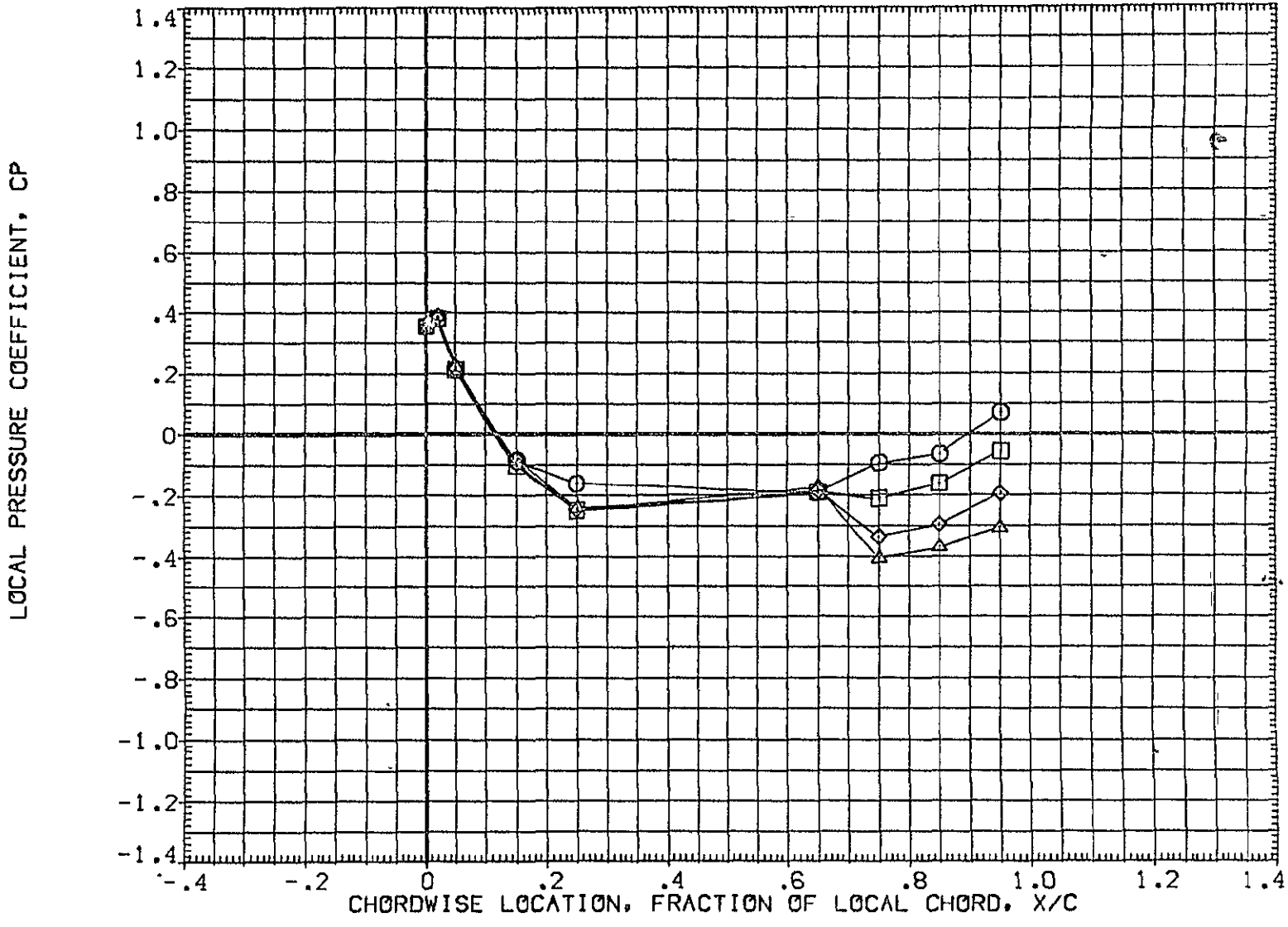

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	⊠	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

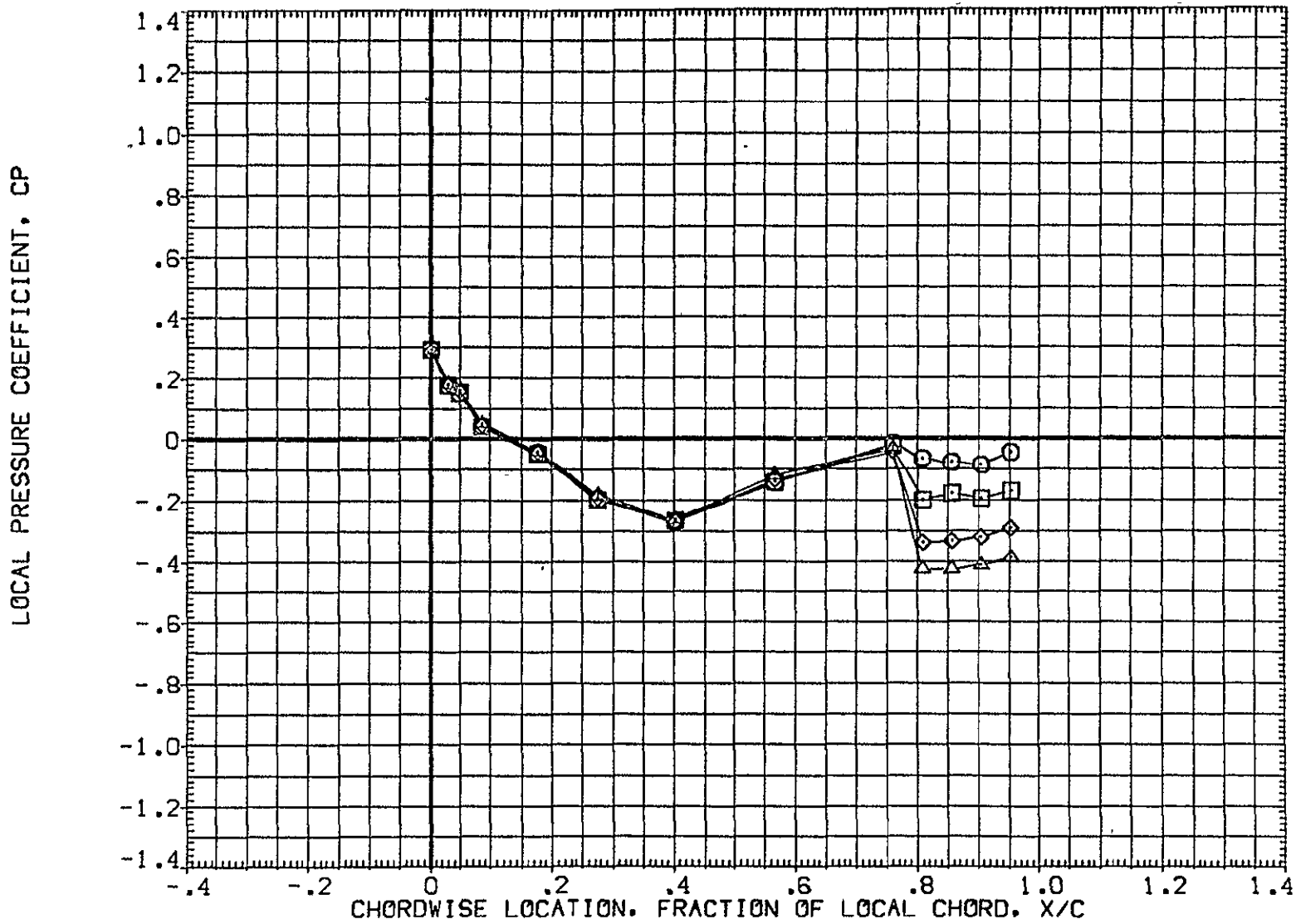

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

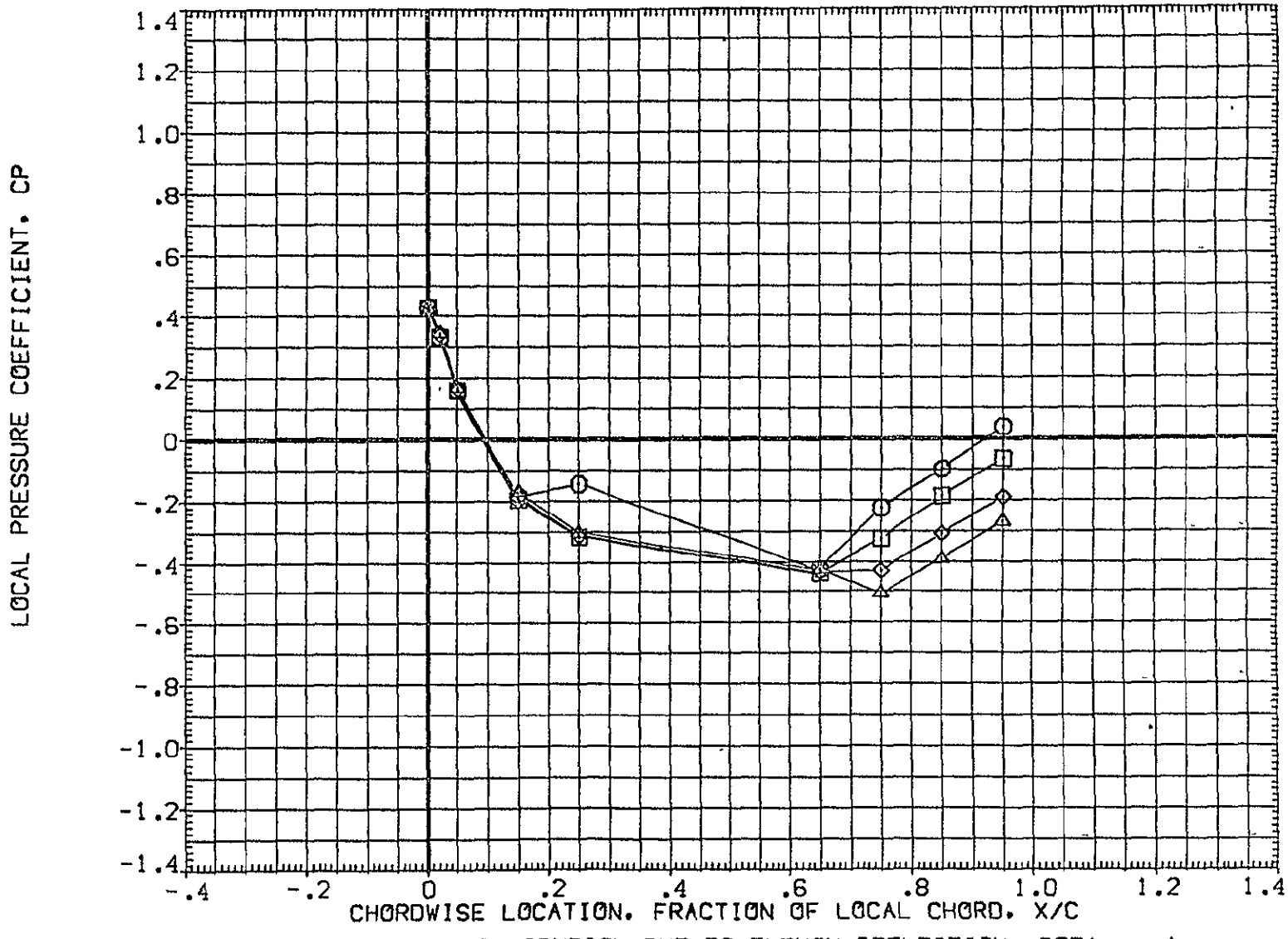

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

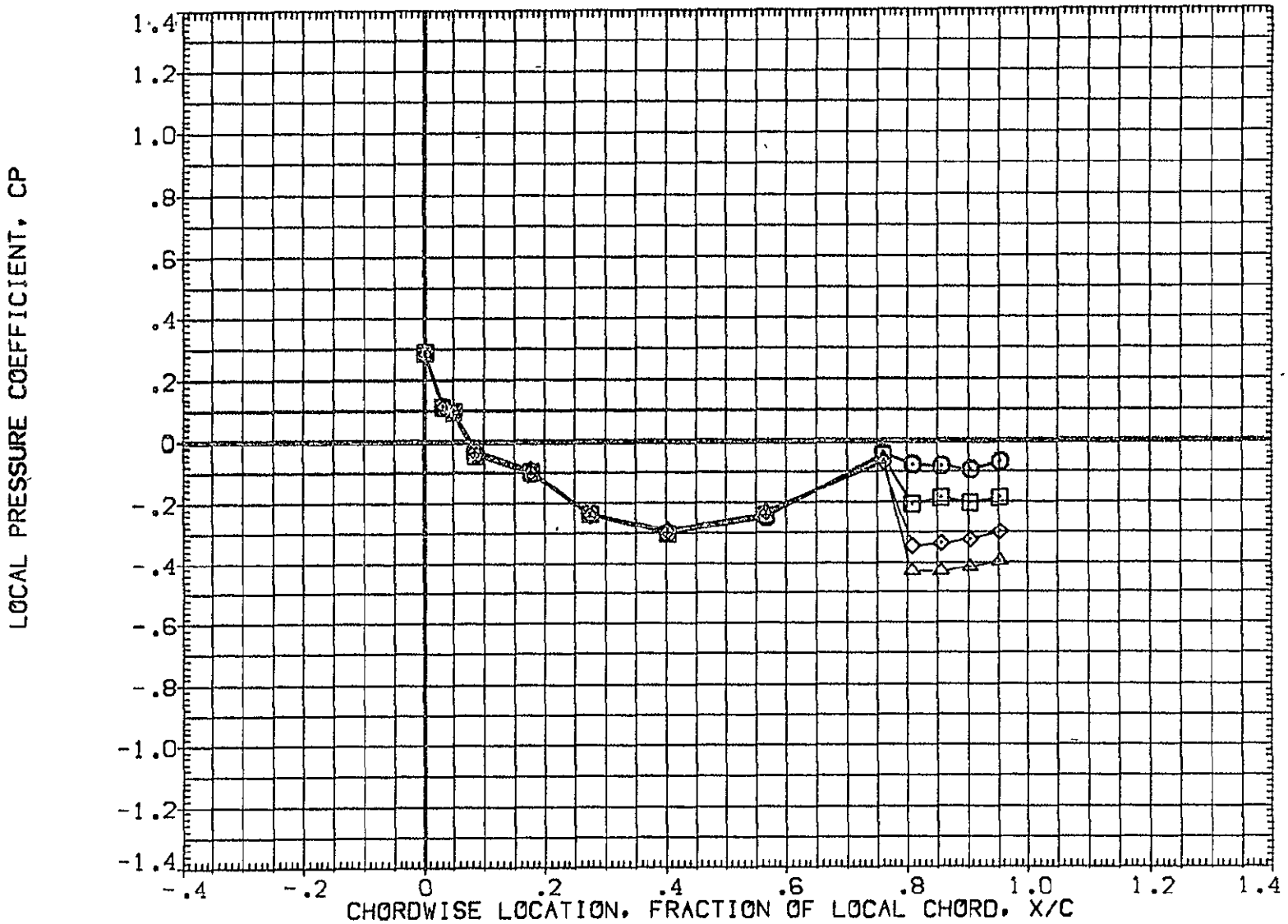

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

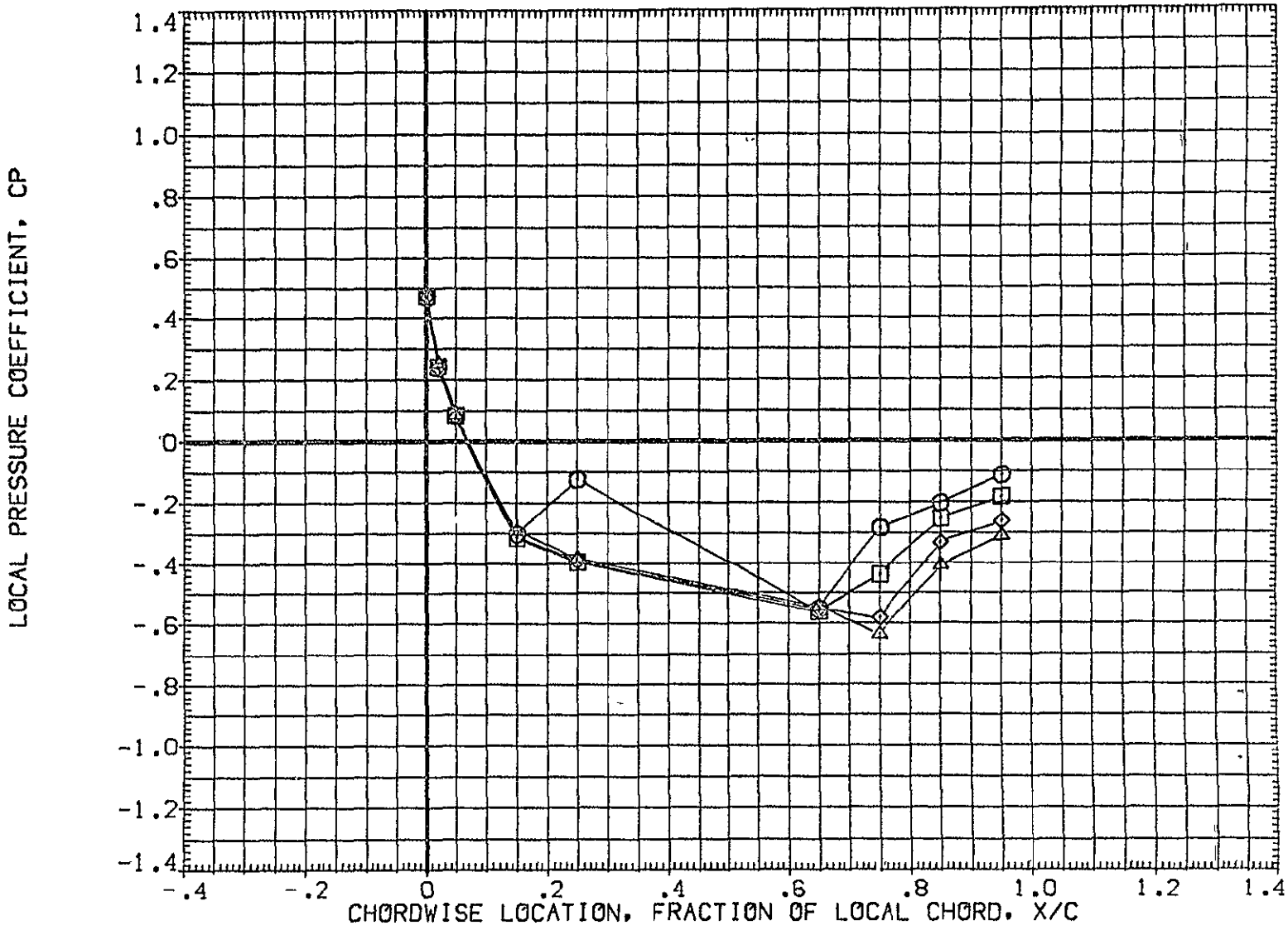

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

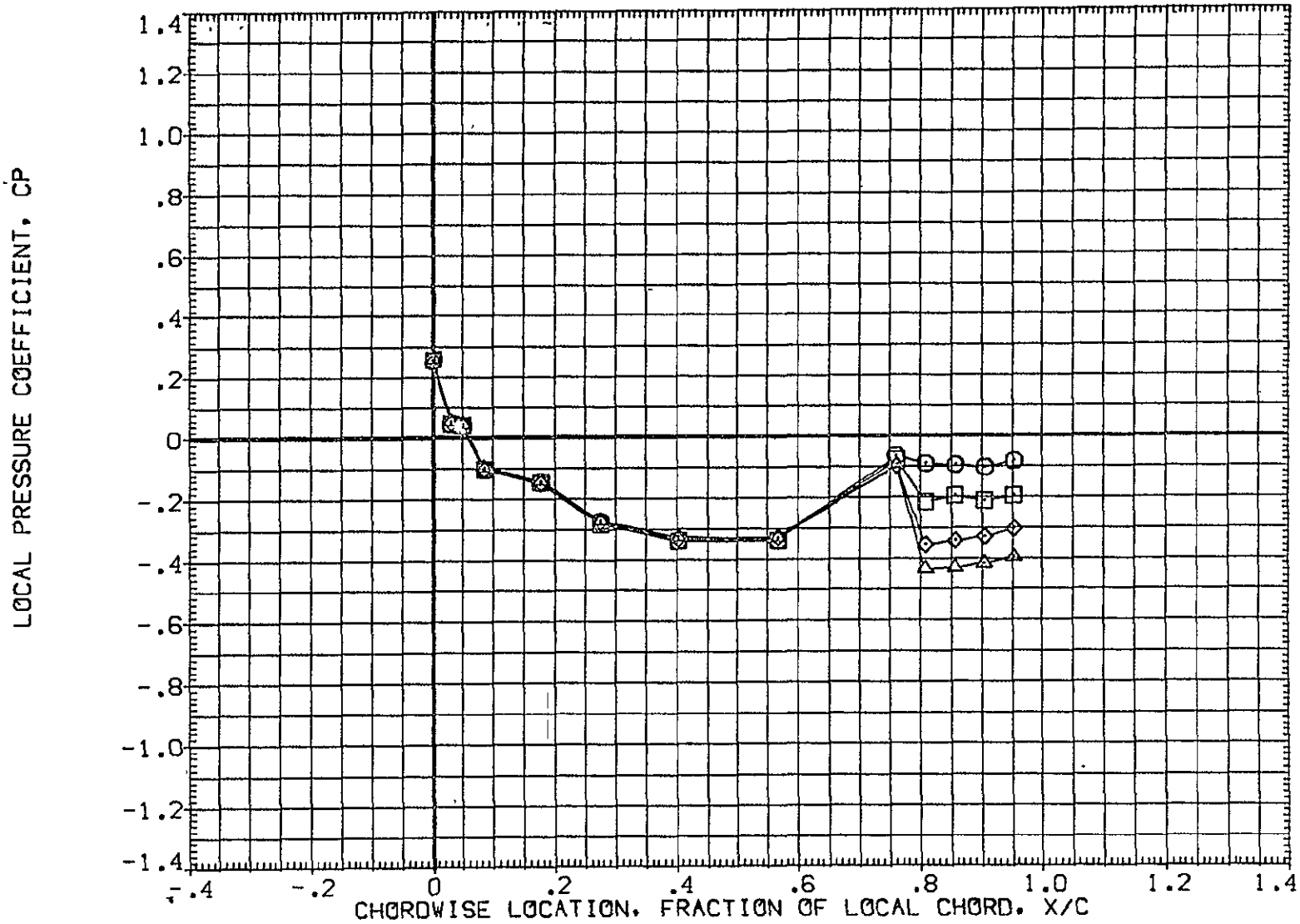

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

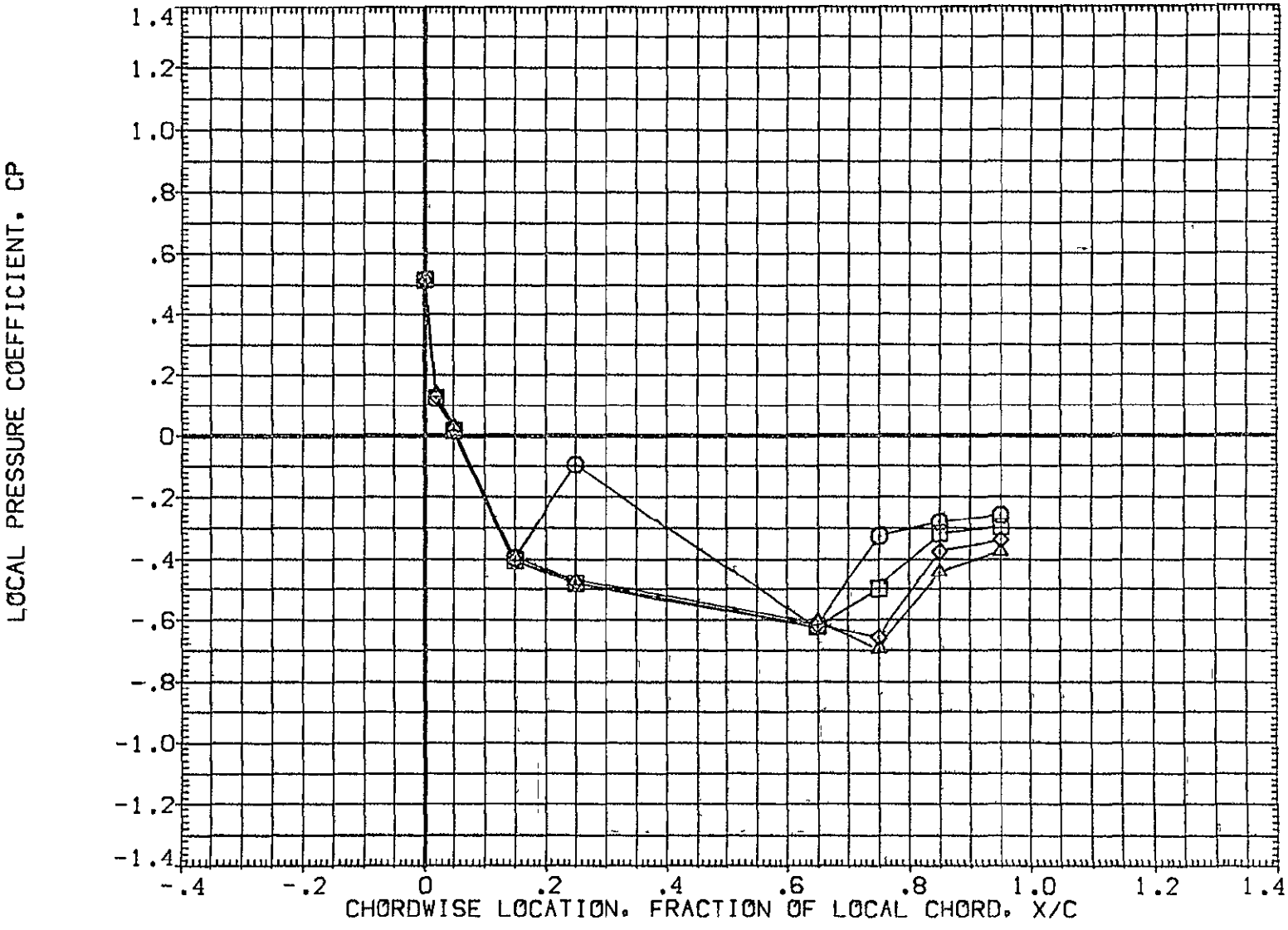

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

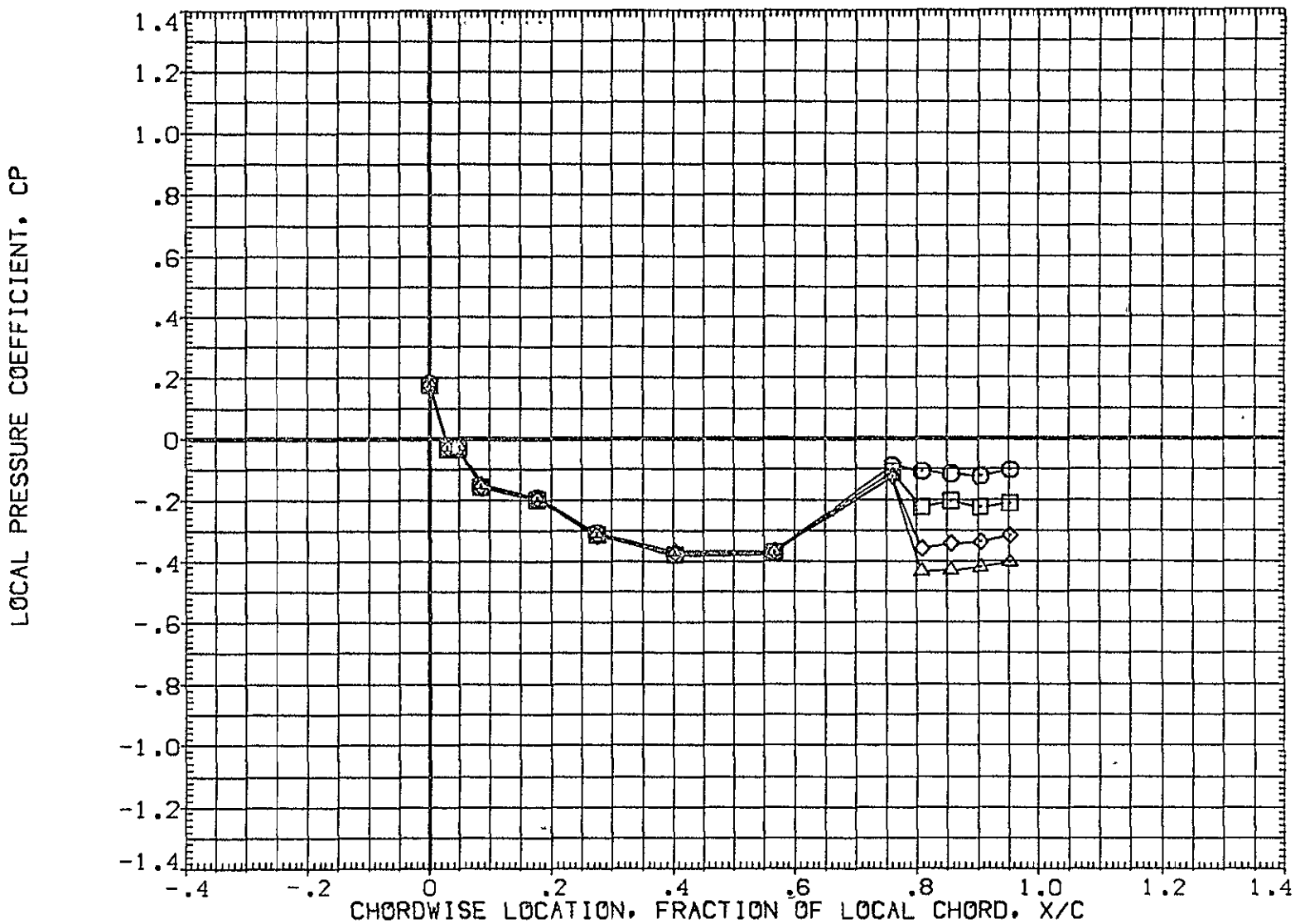

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

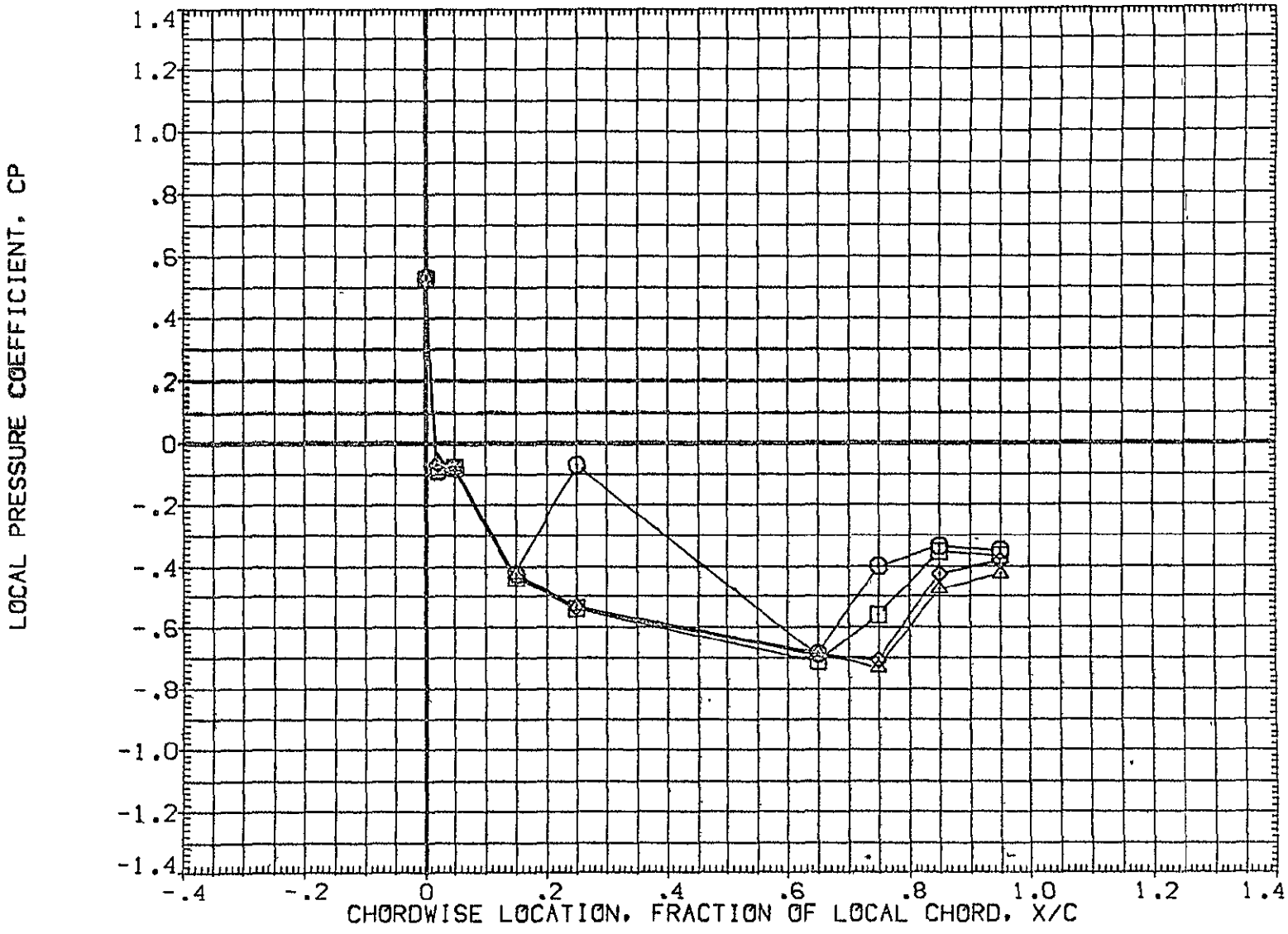

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

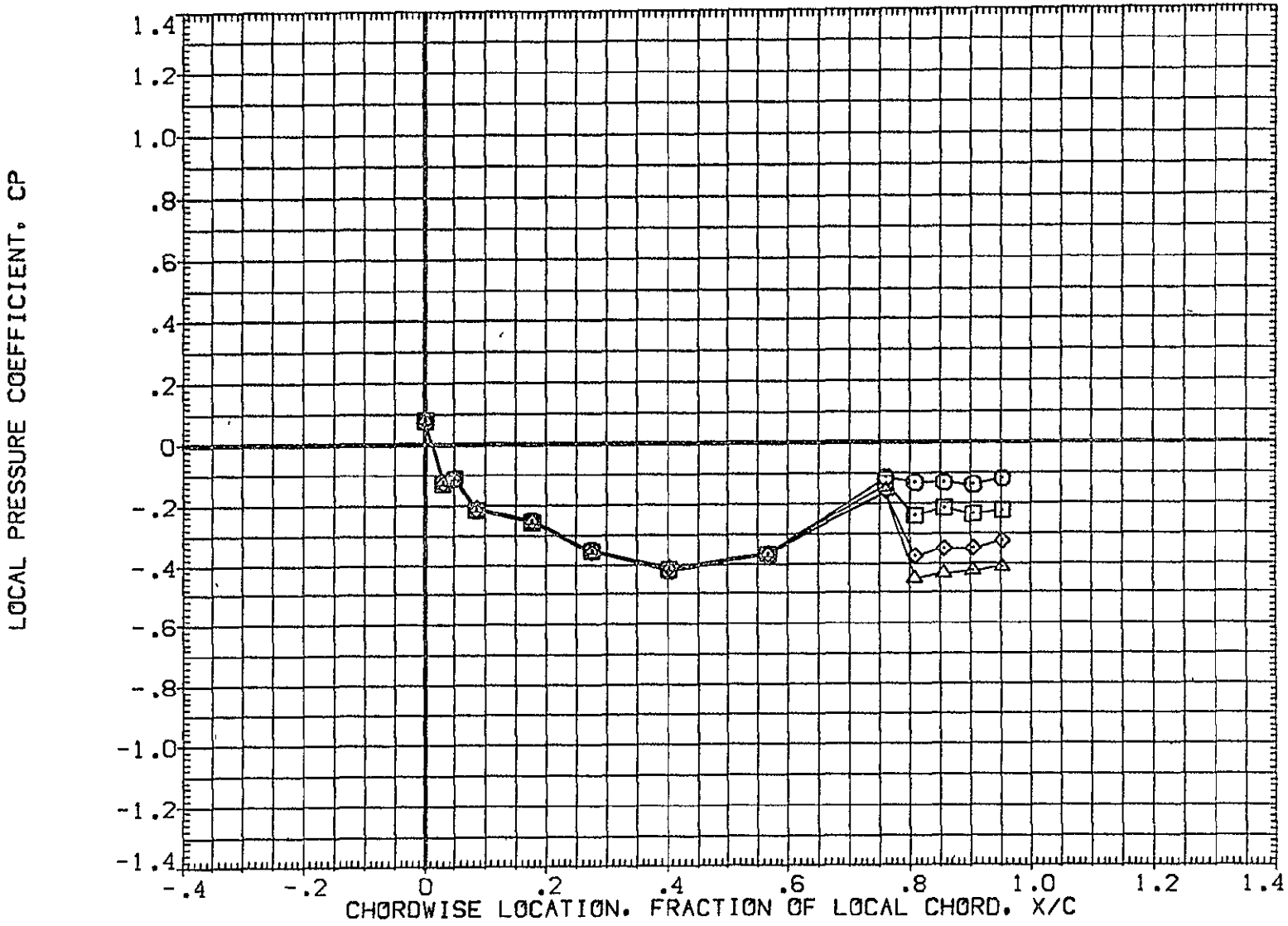

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

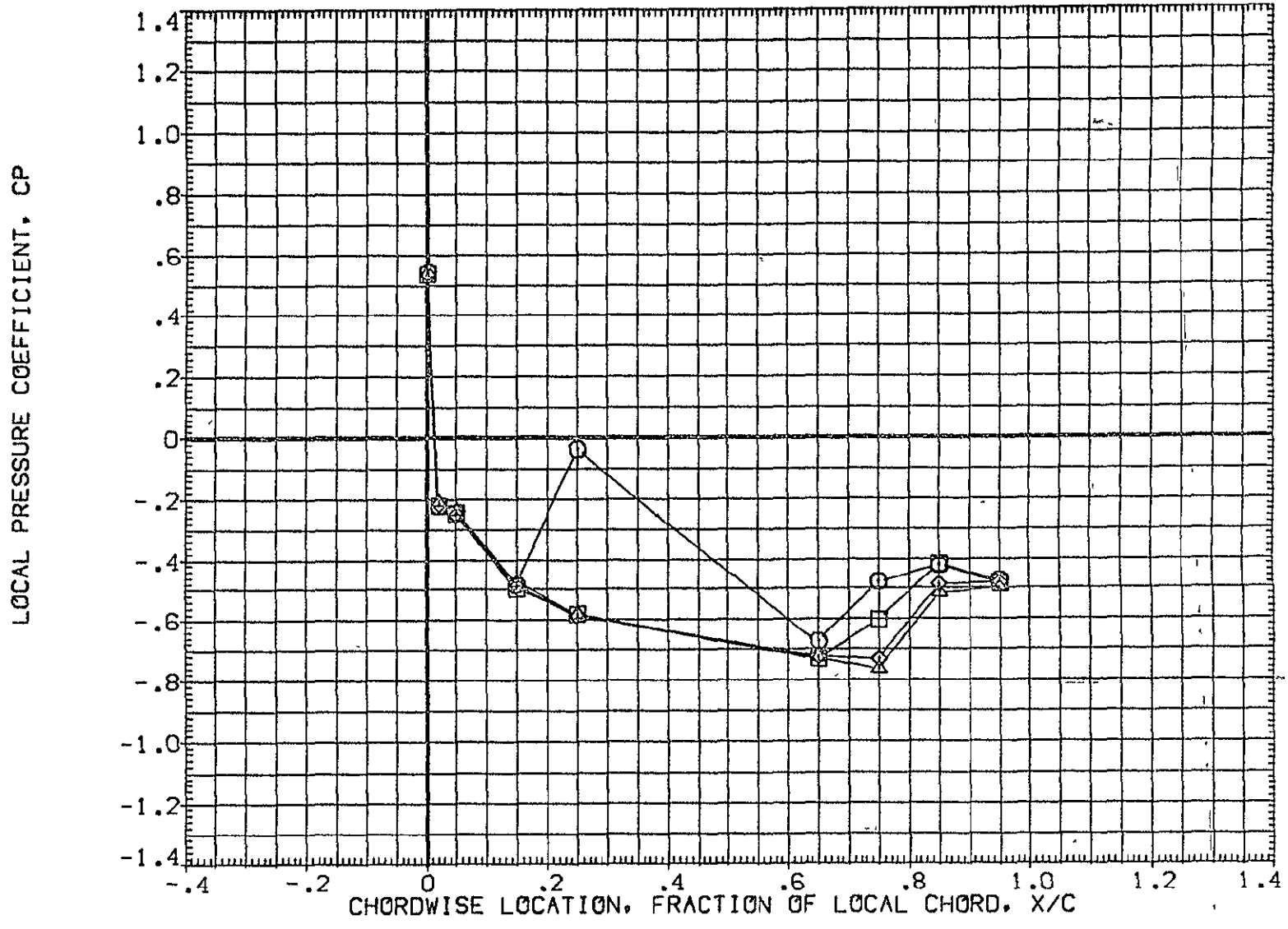

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

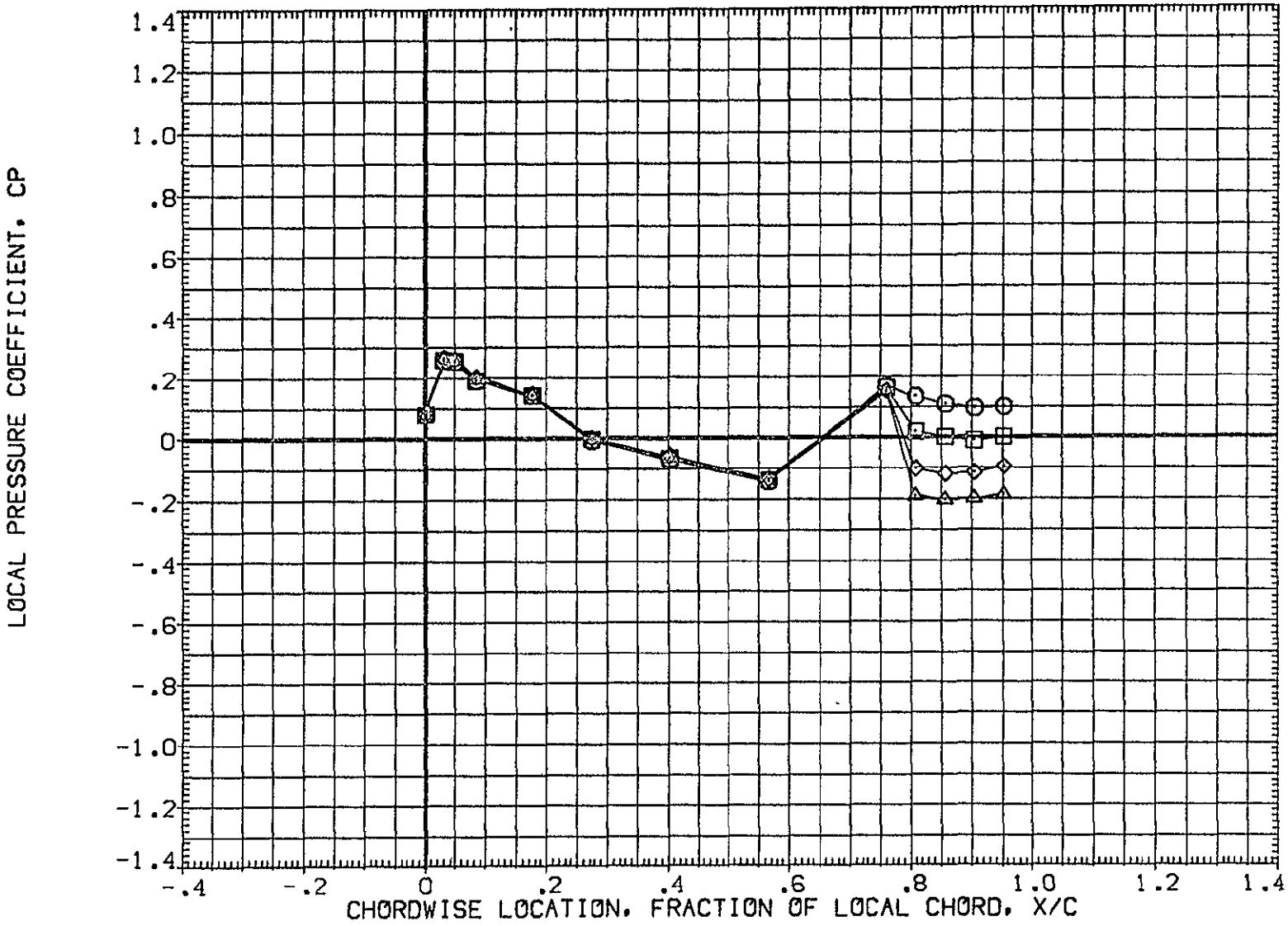

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

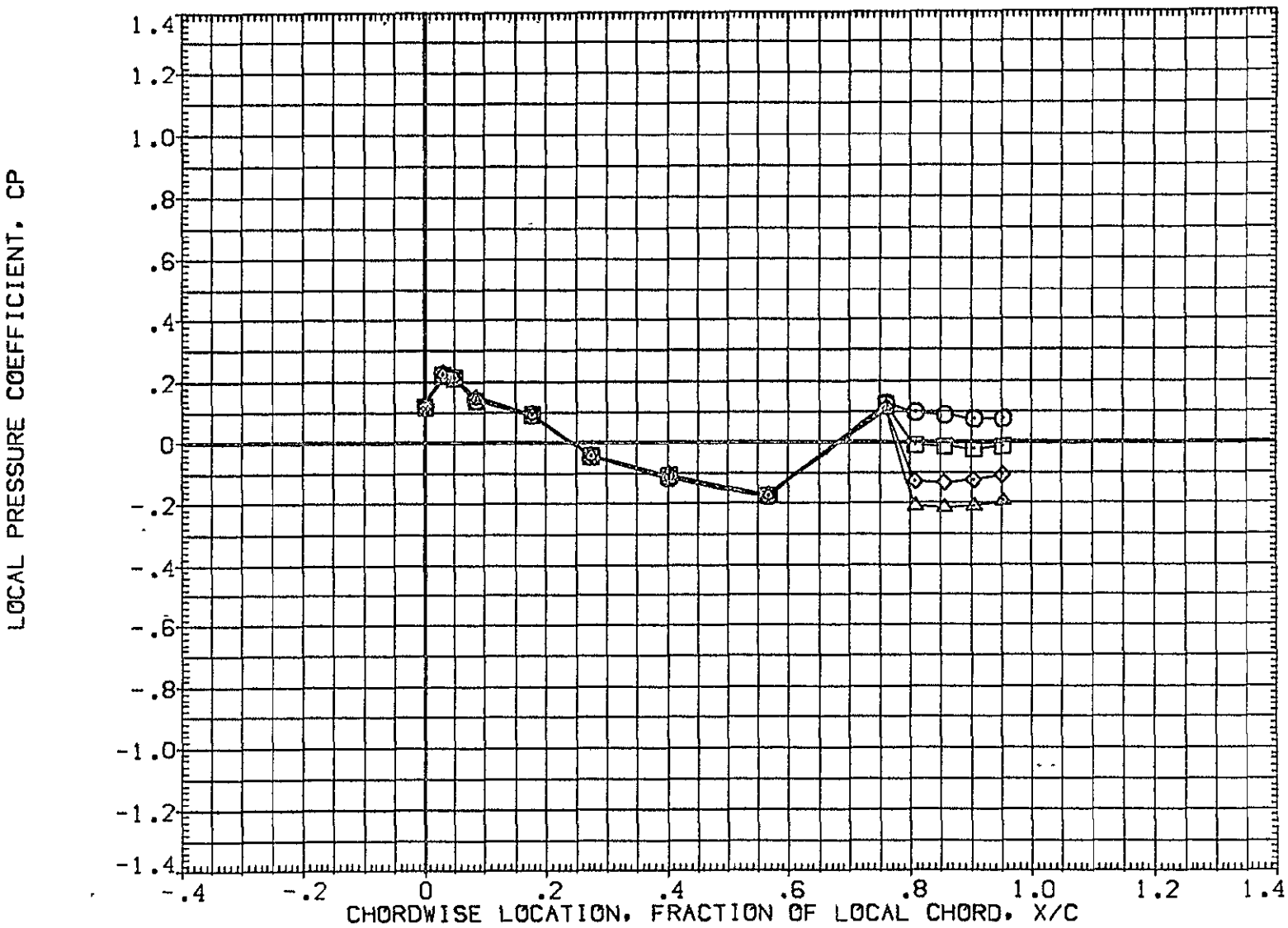

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

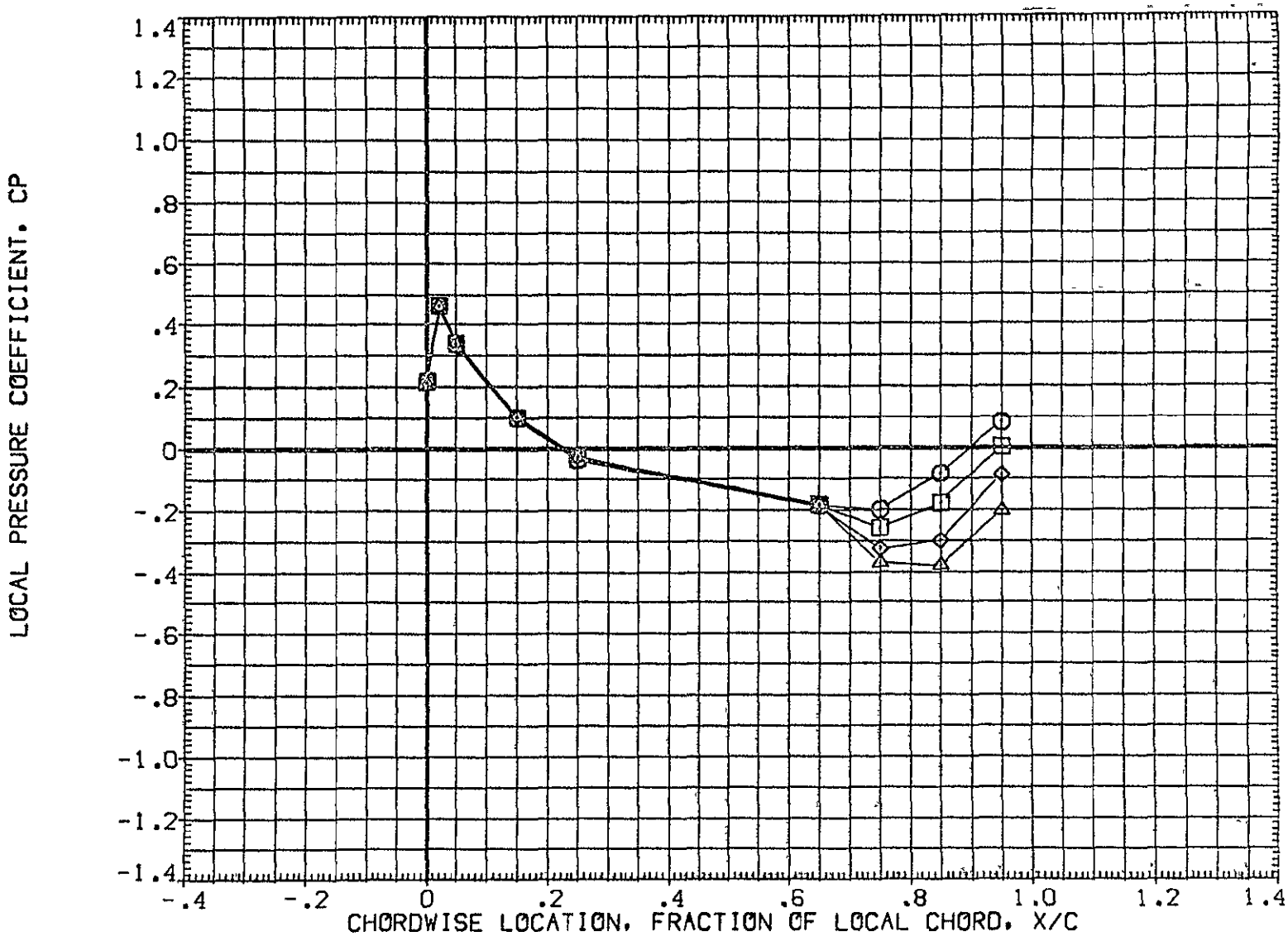

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

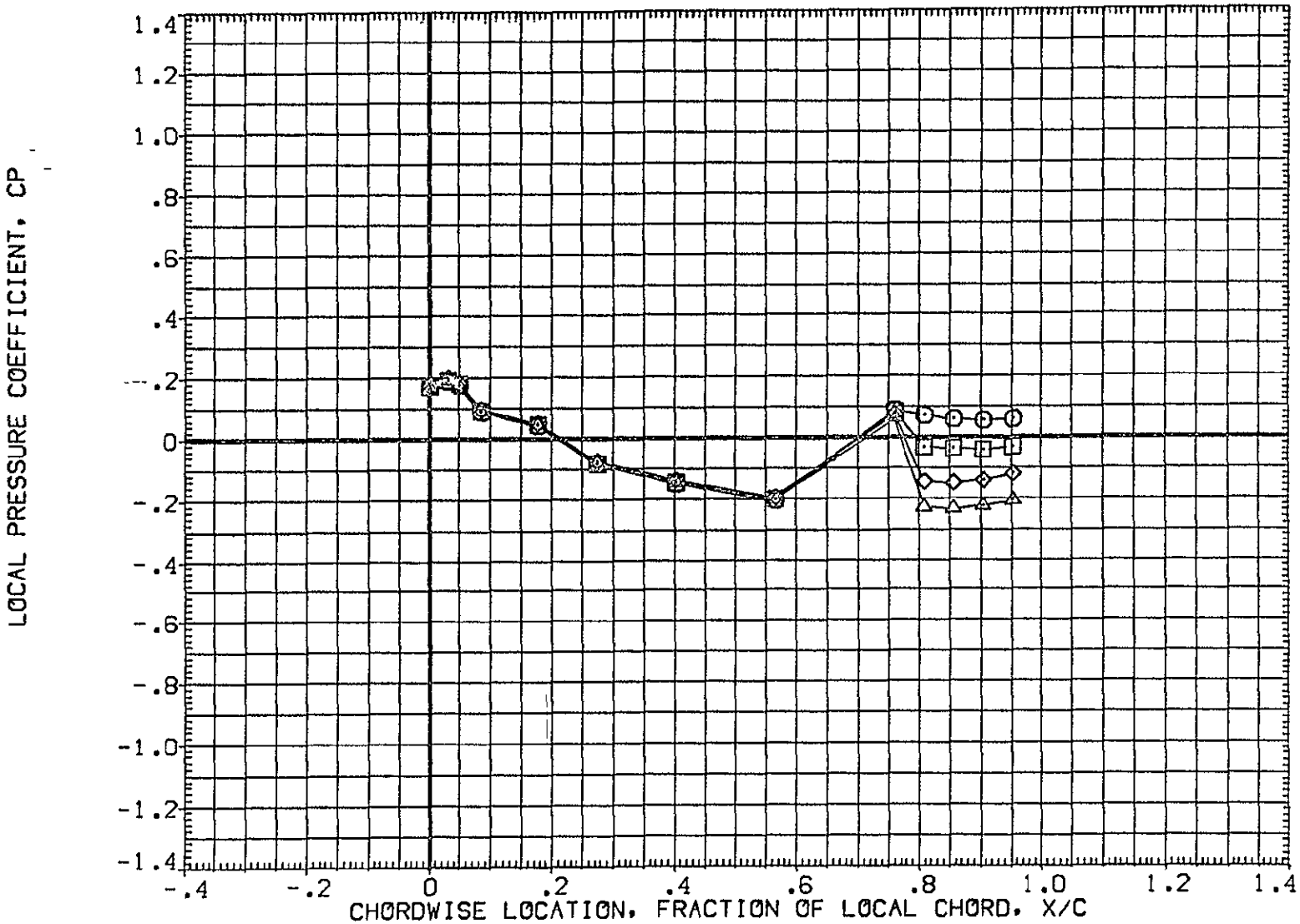

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

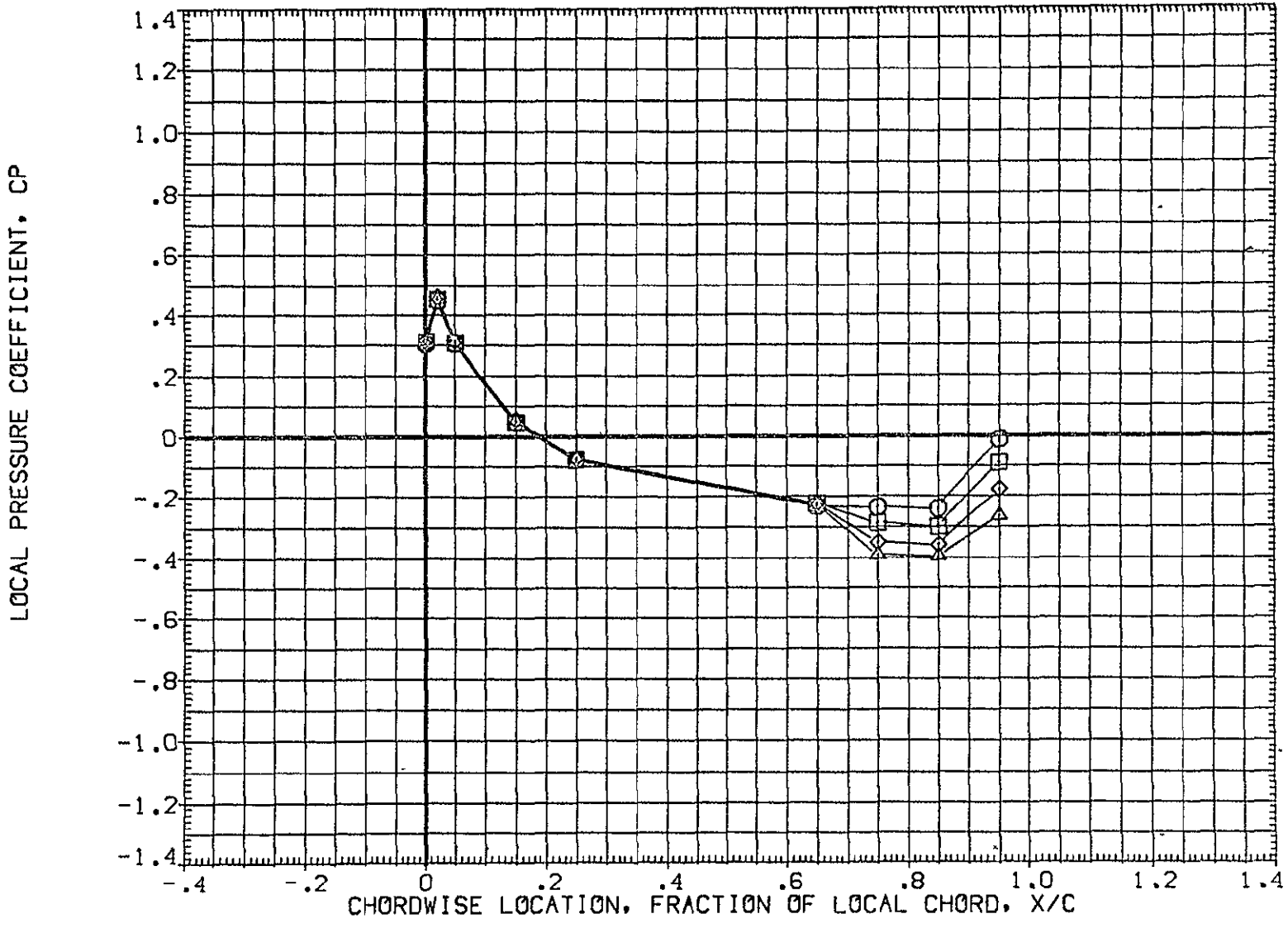

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

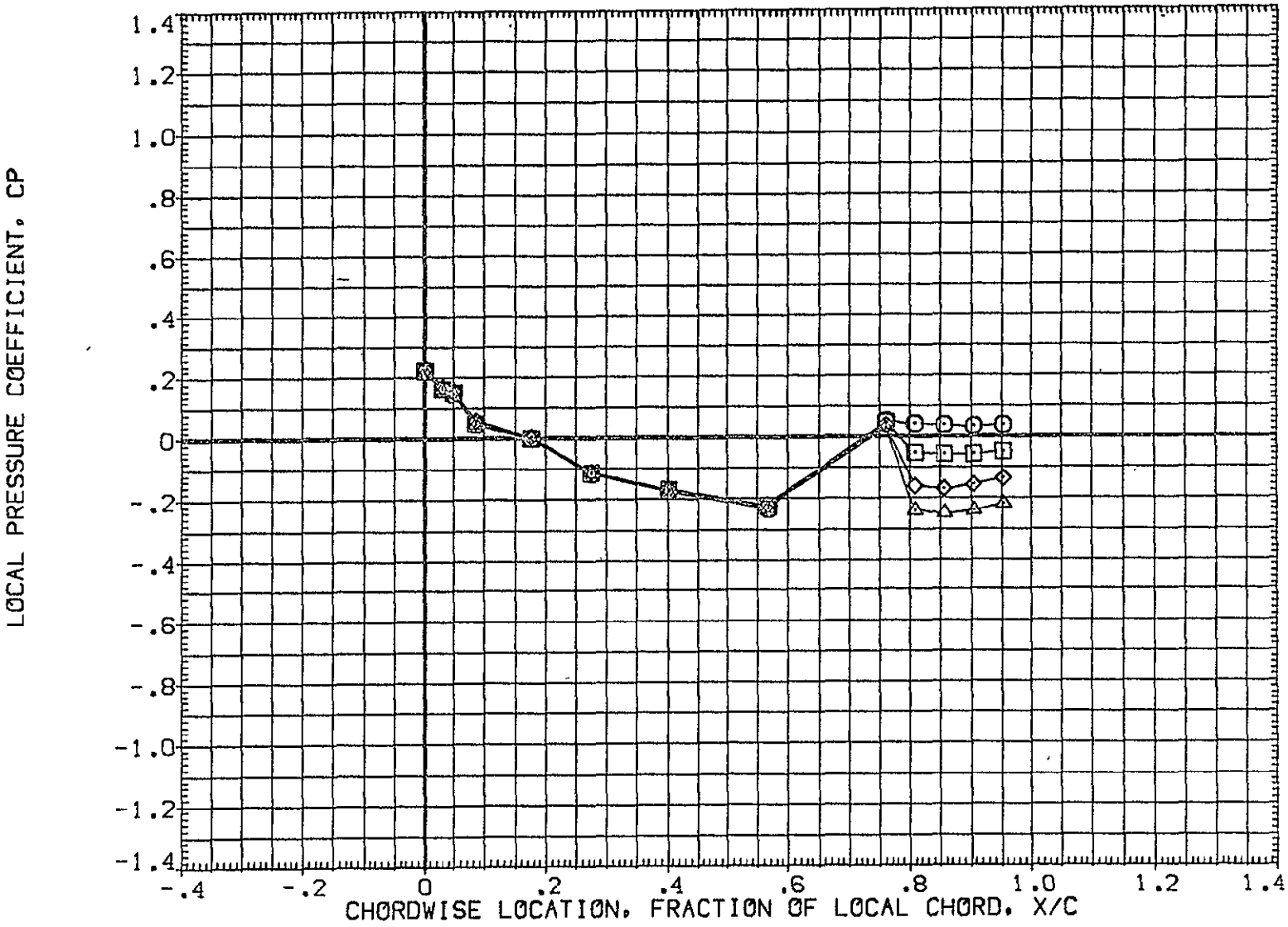

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

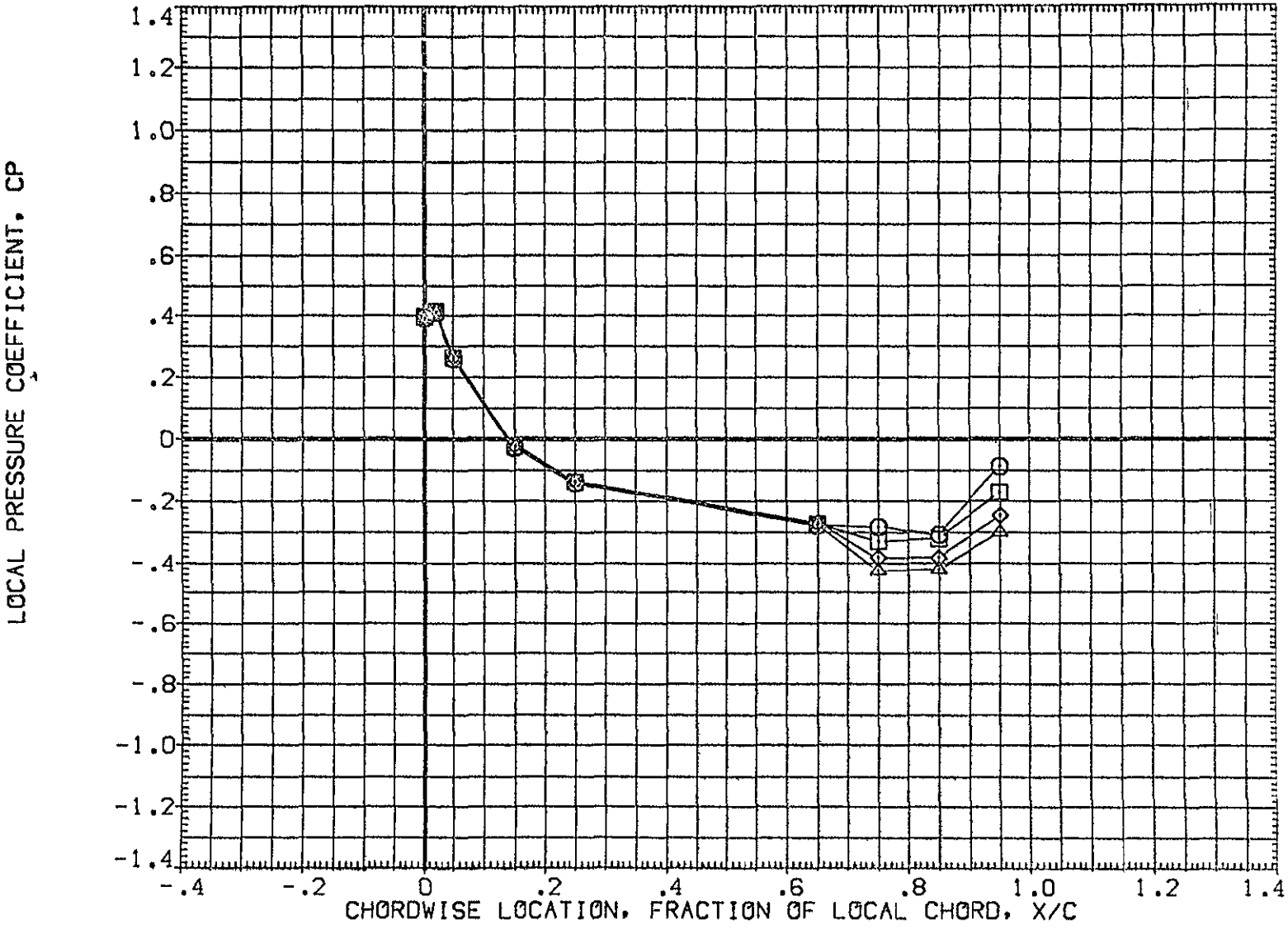

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

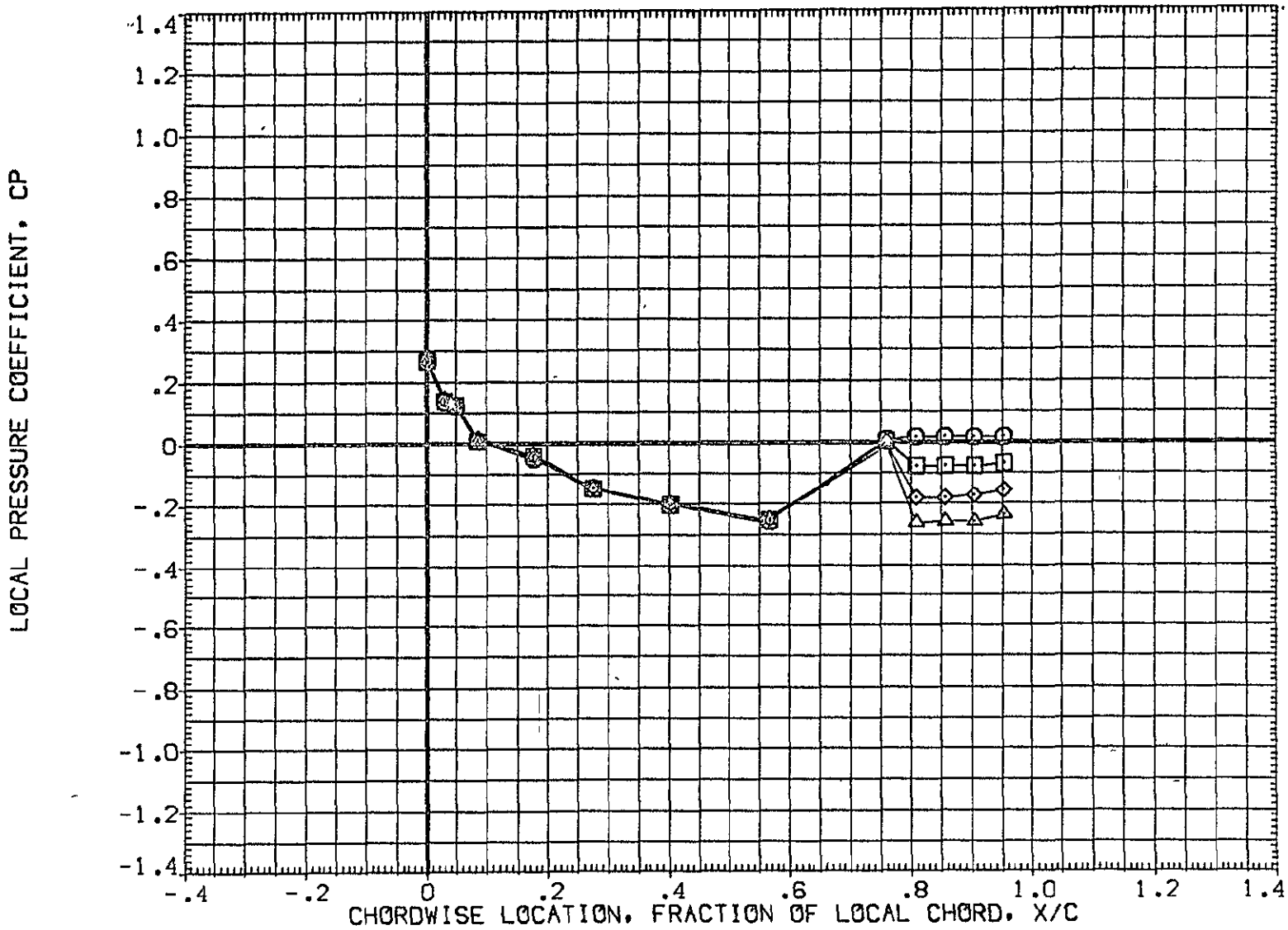

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

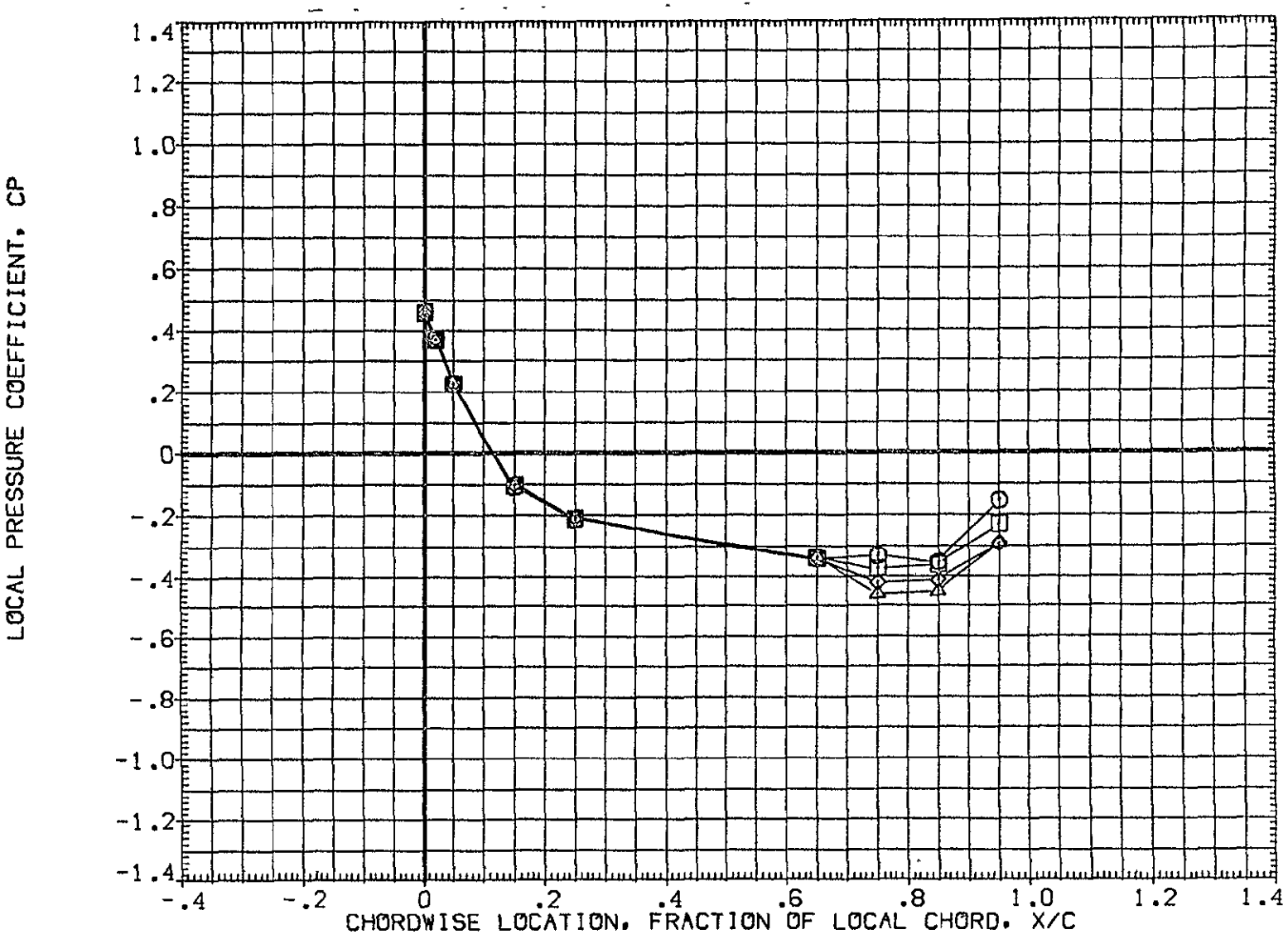

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

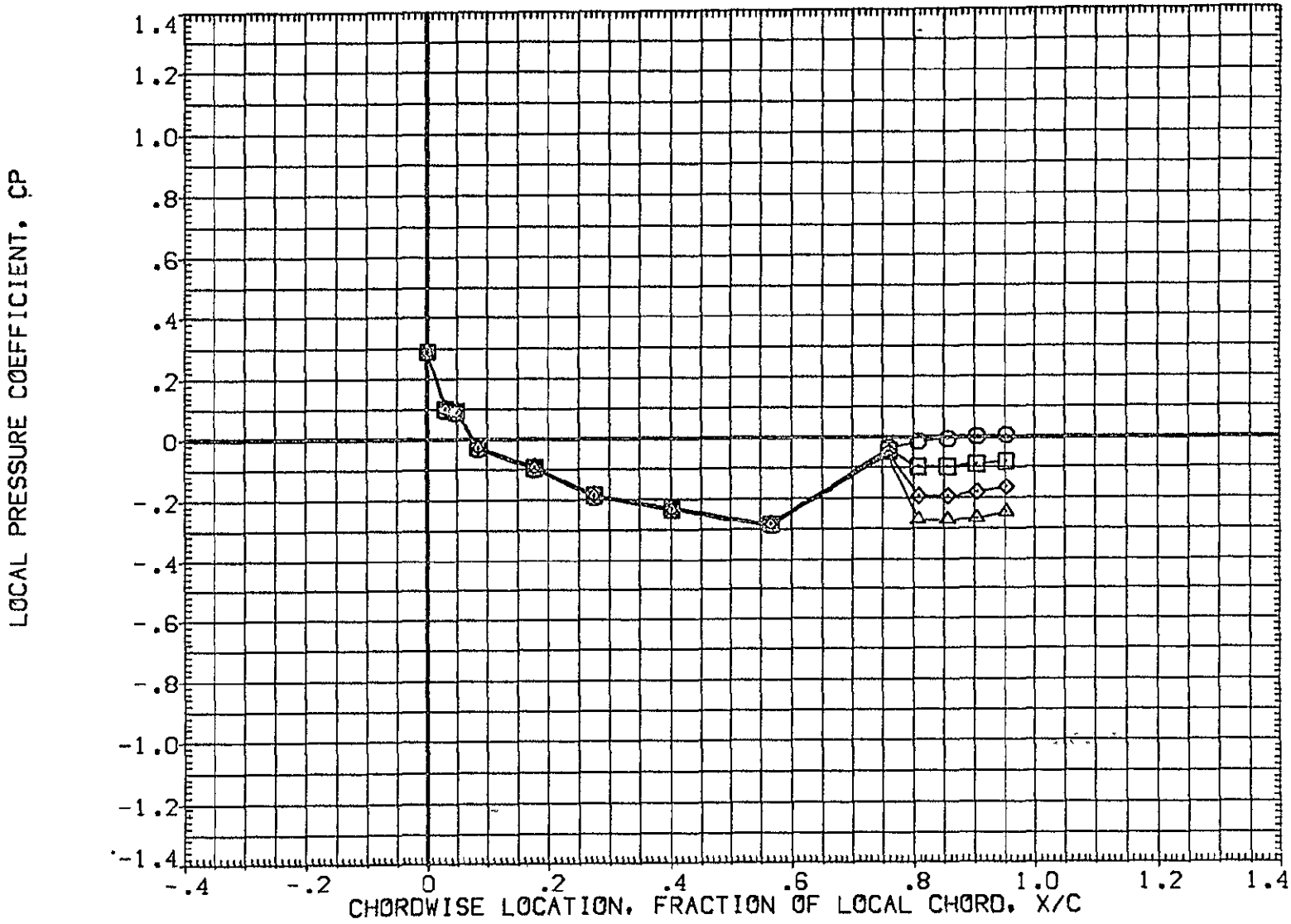

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

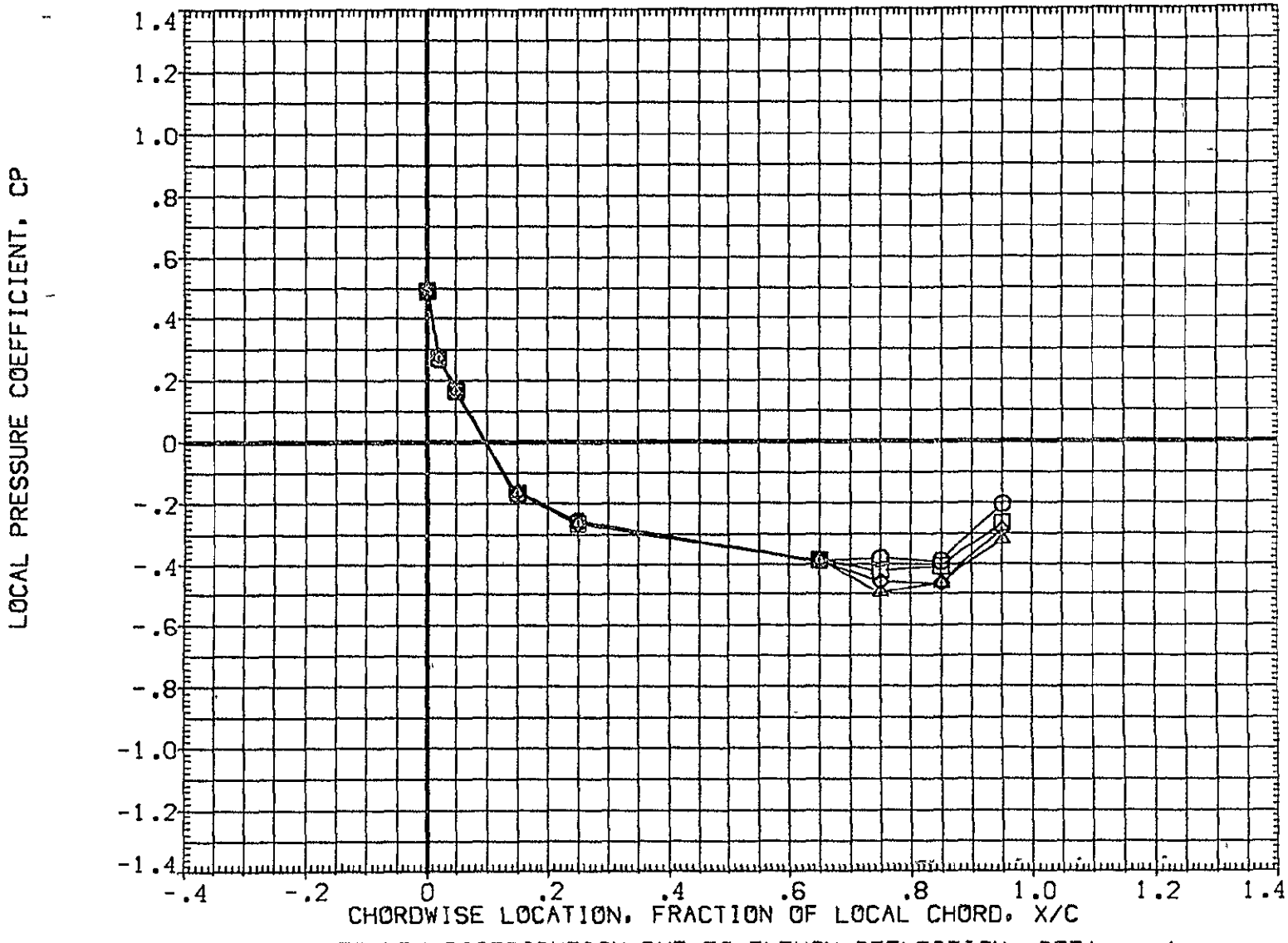

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

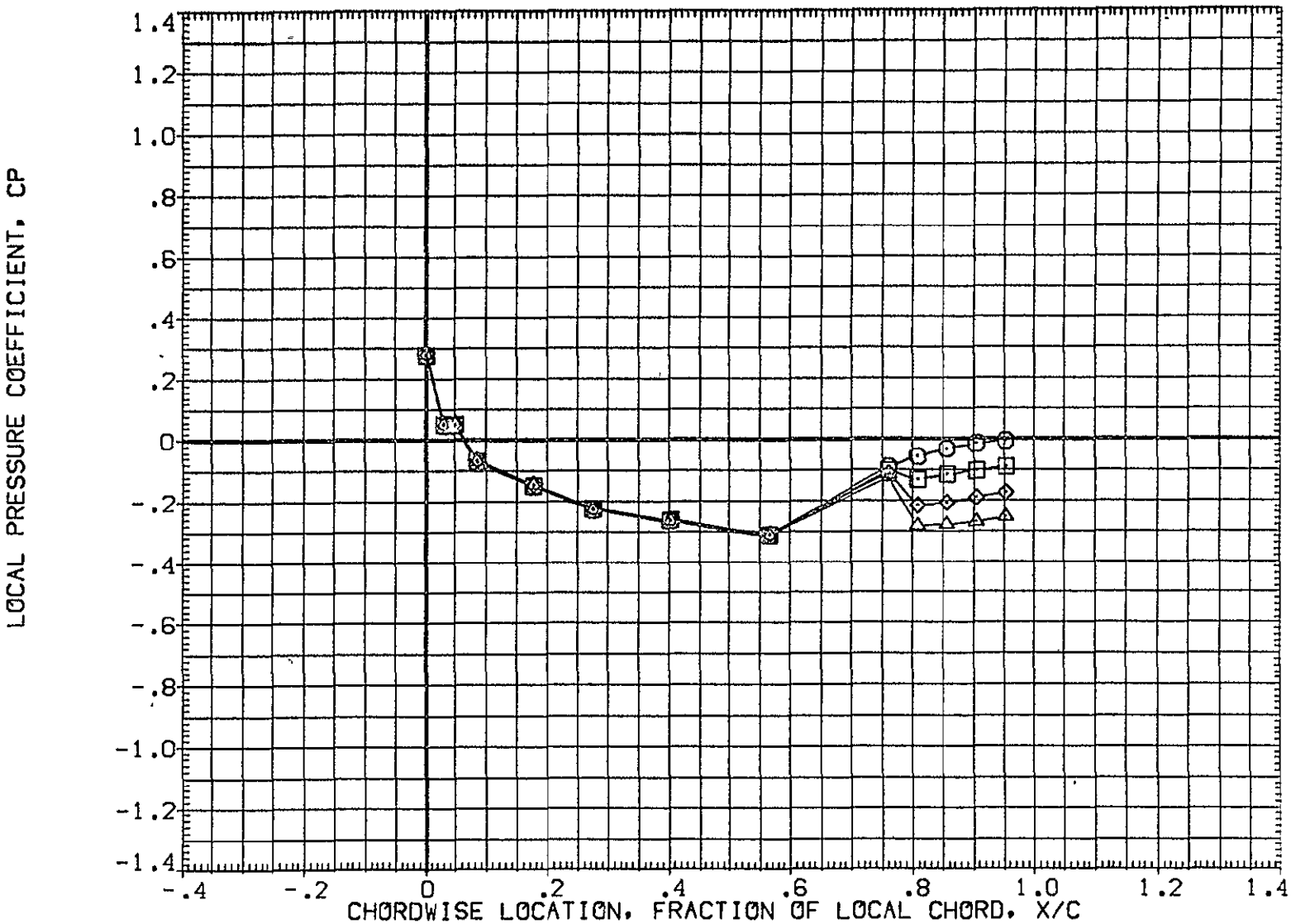

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

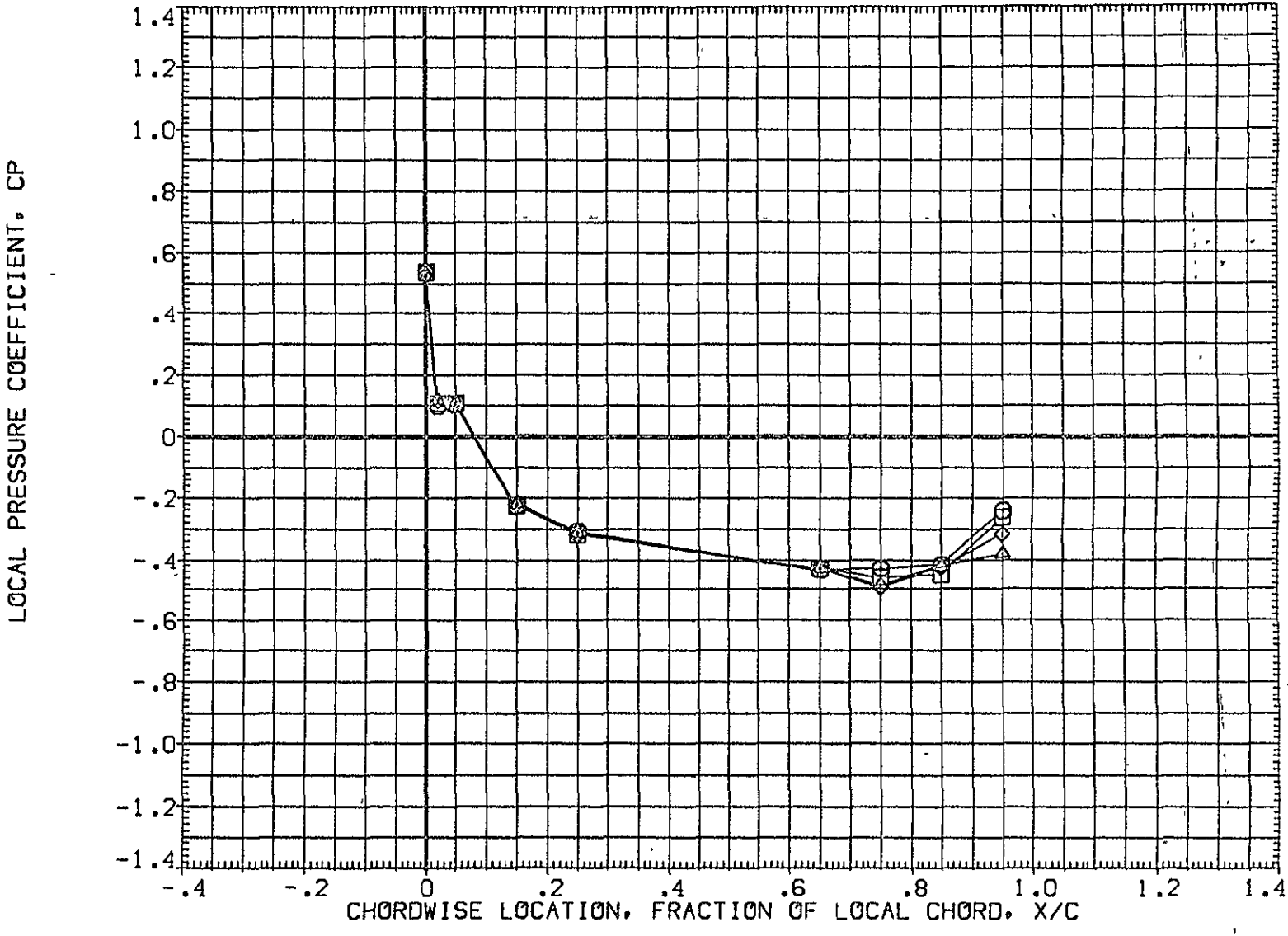

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

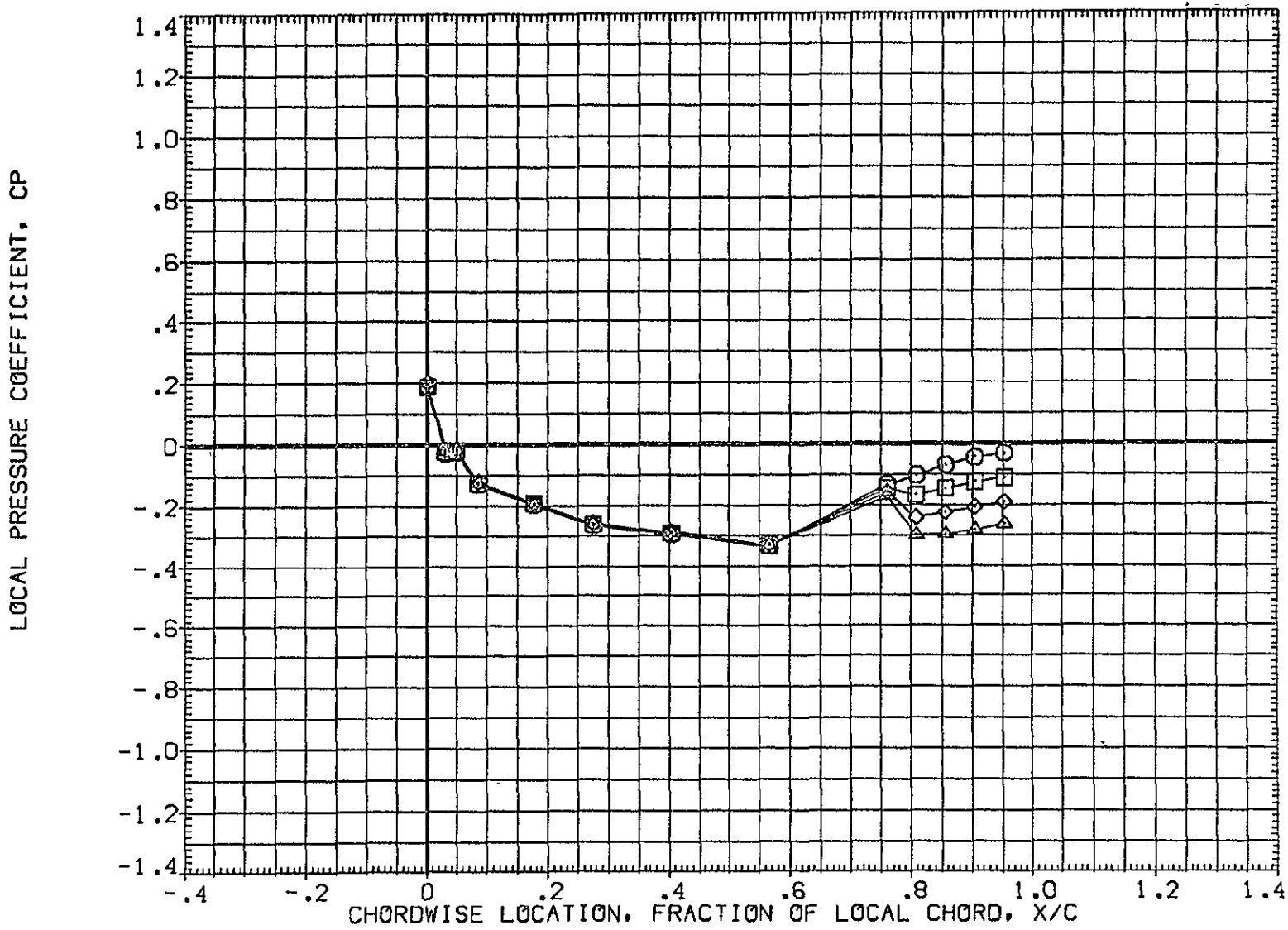

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

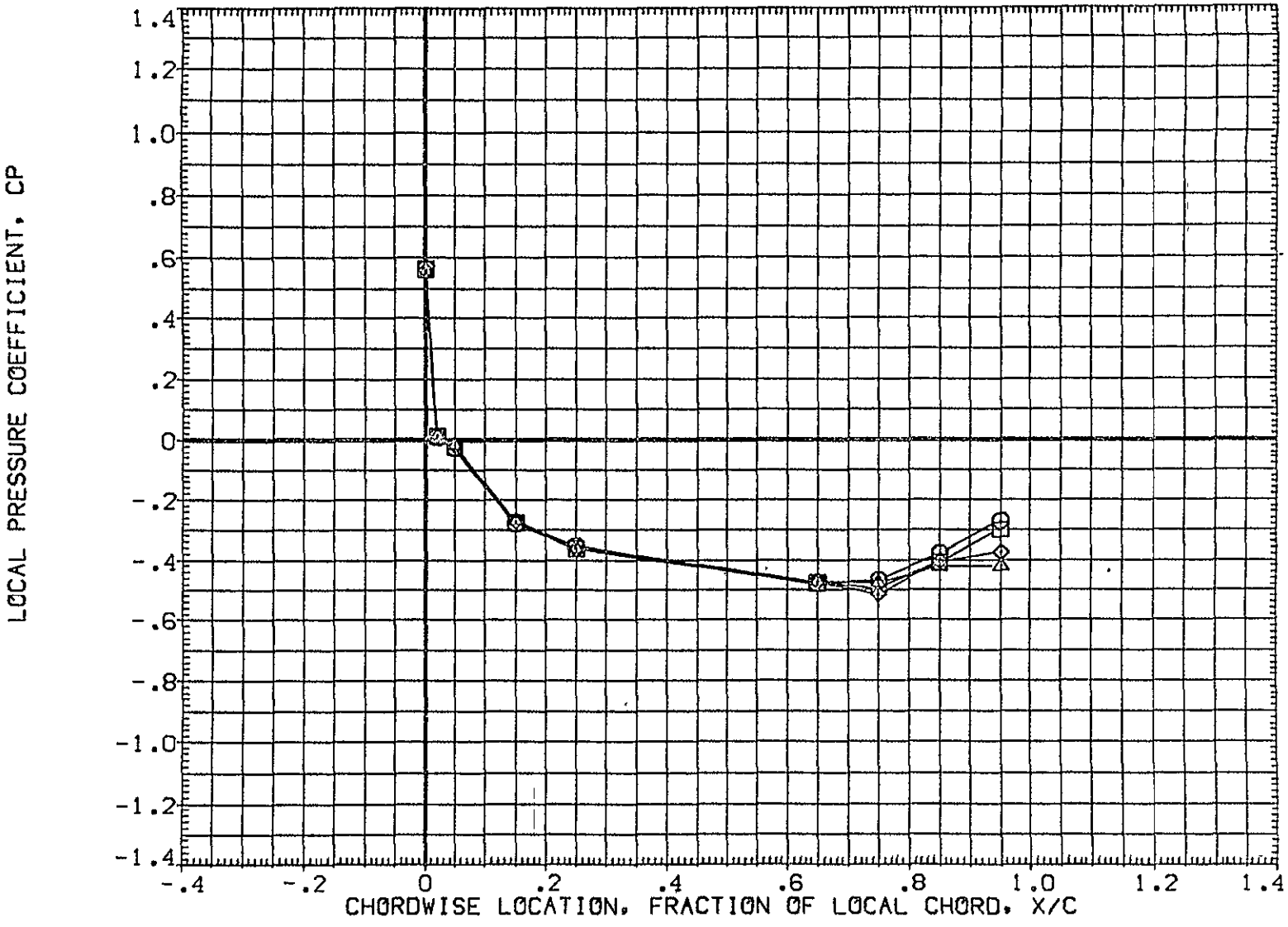

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	⊠	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

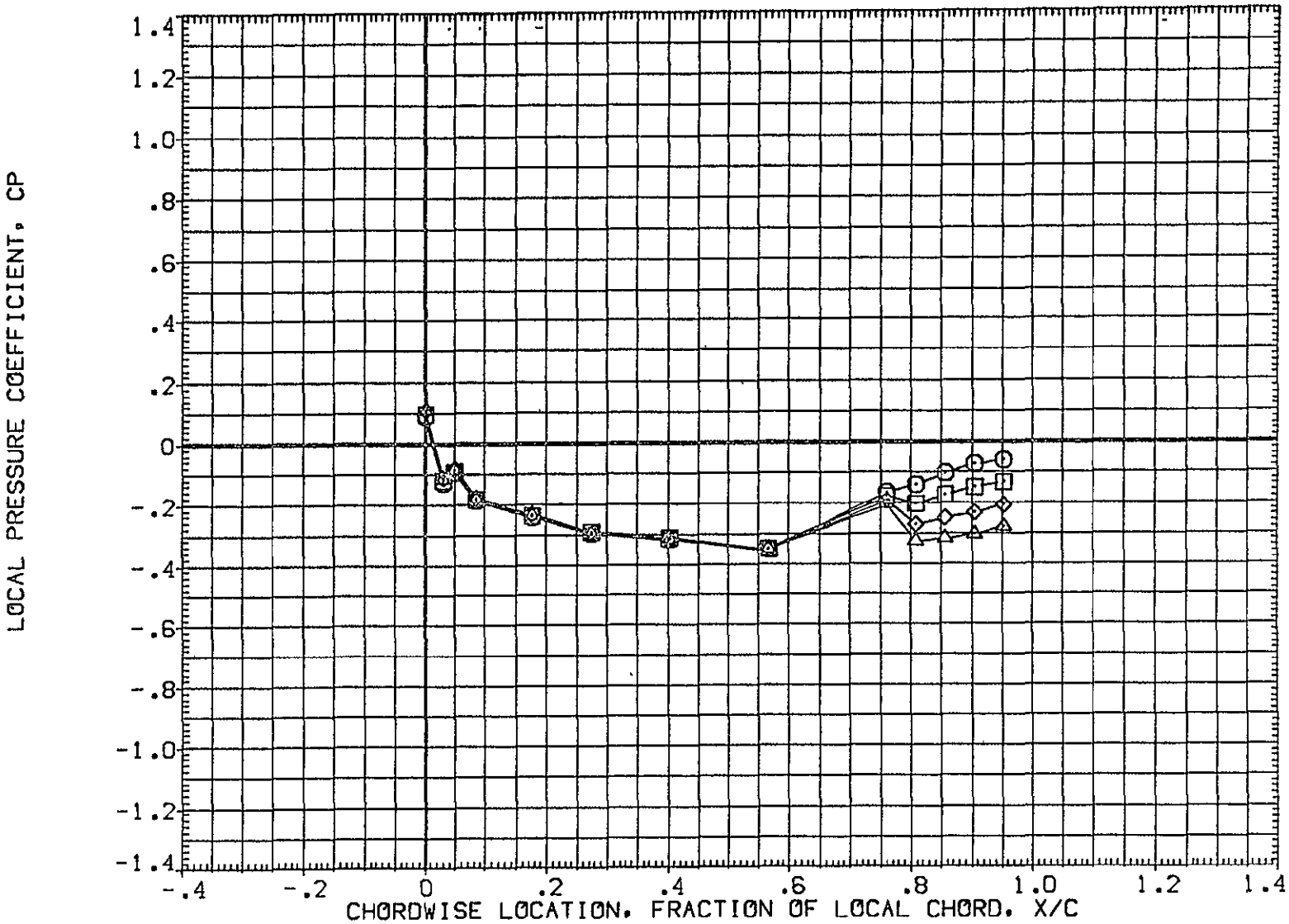

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

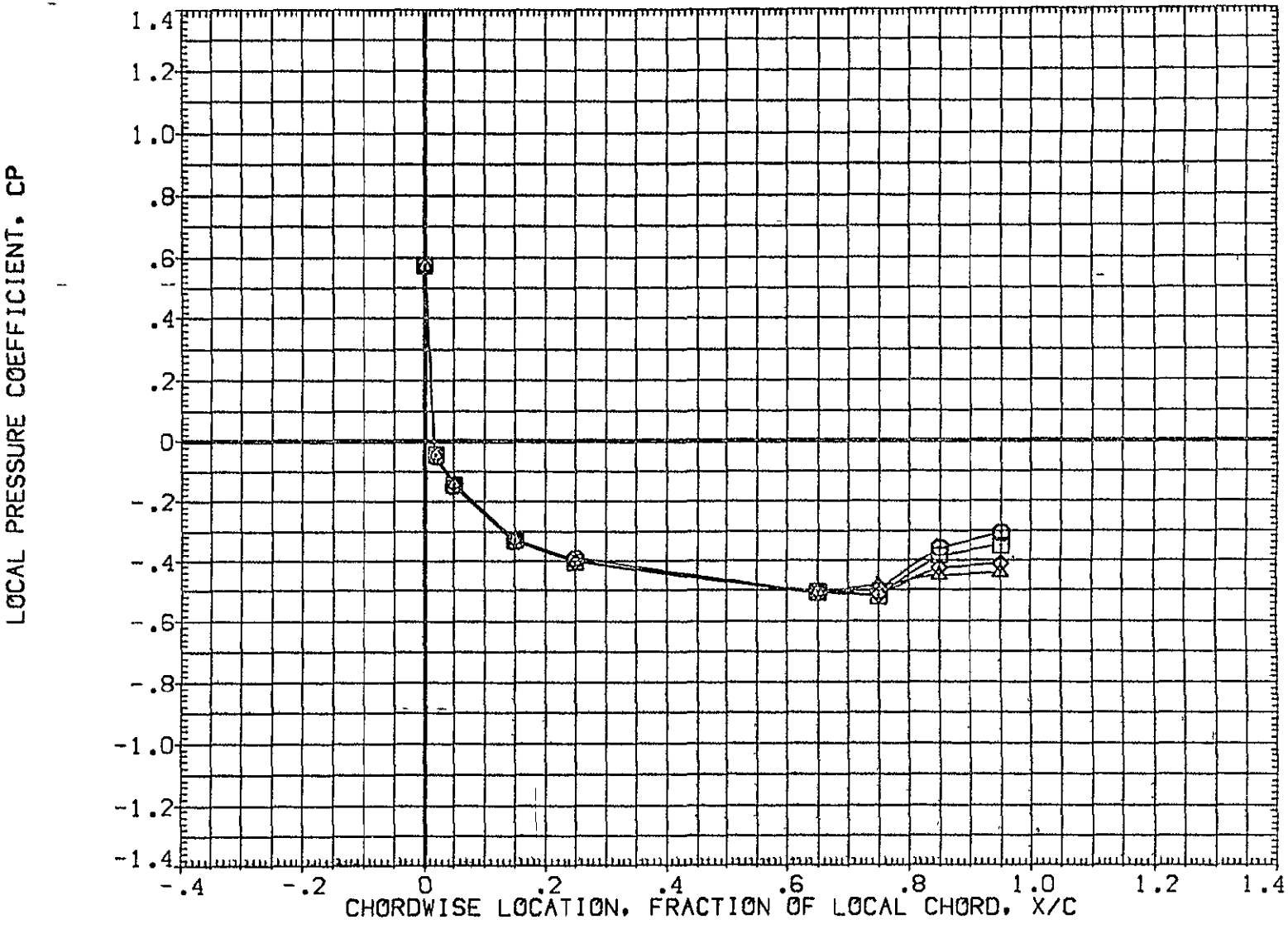

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

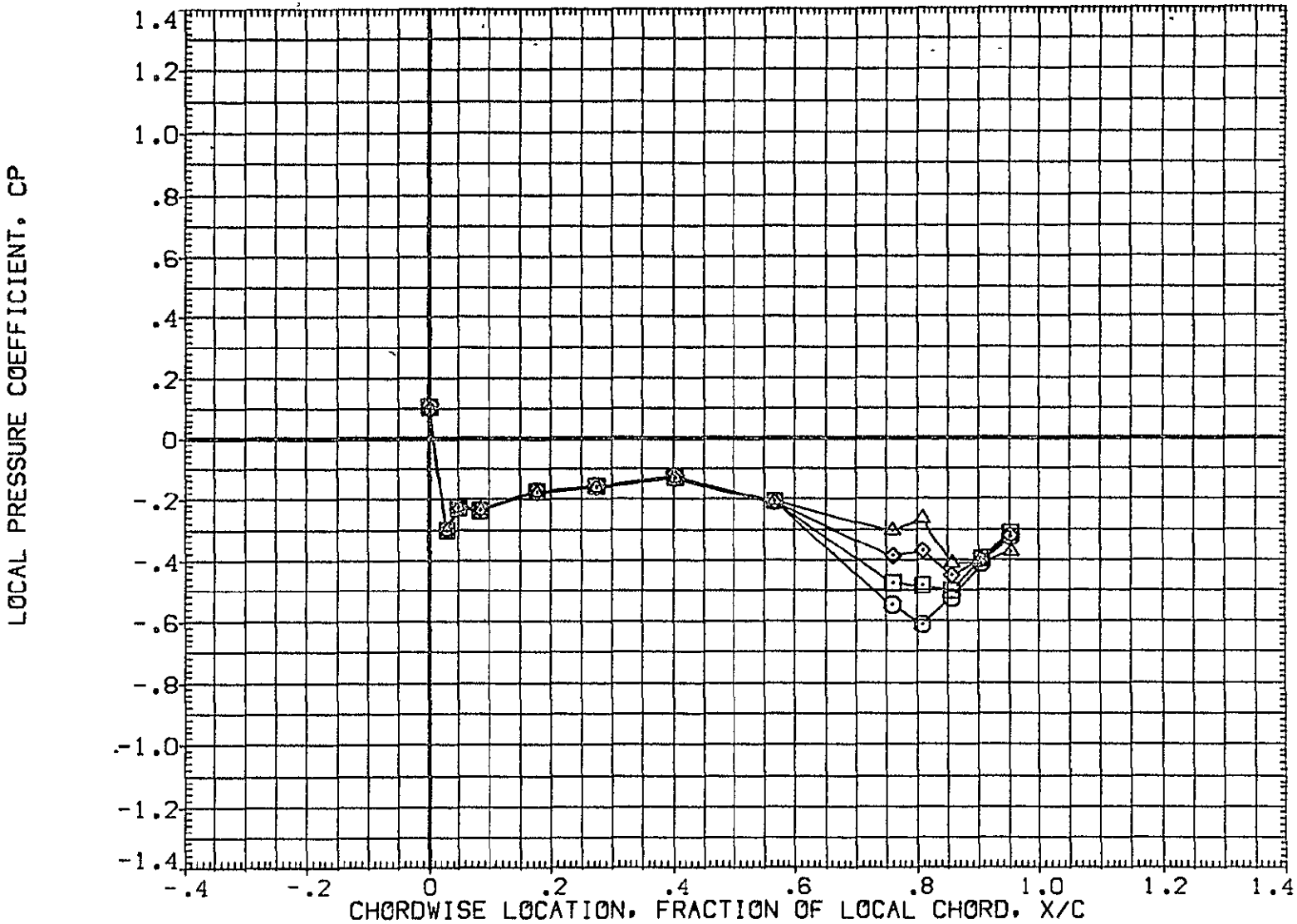

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

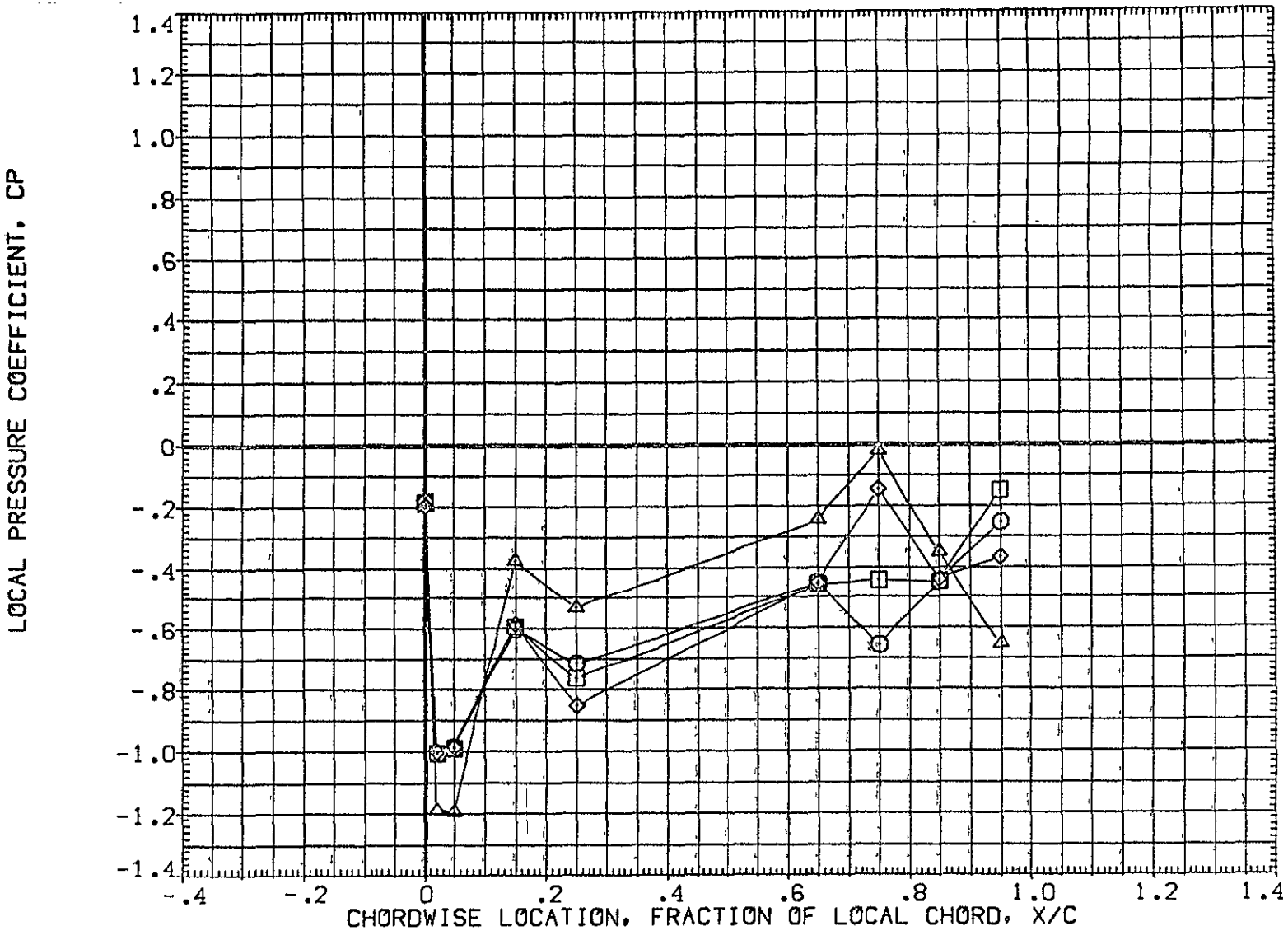

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⊠	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

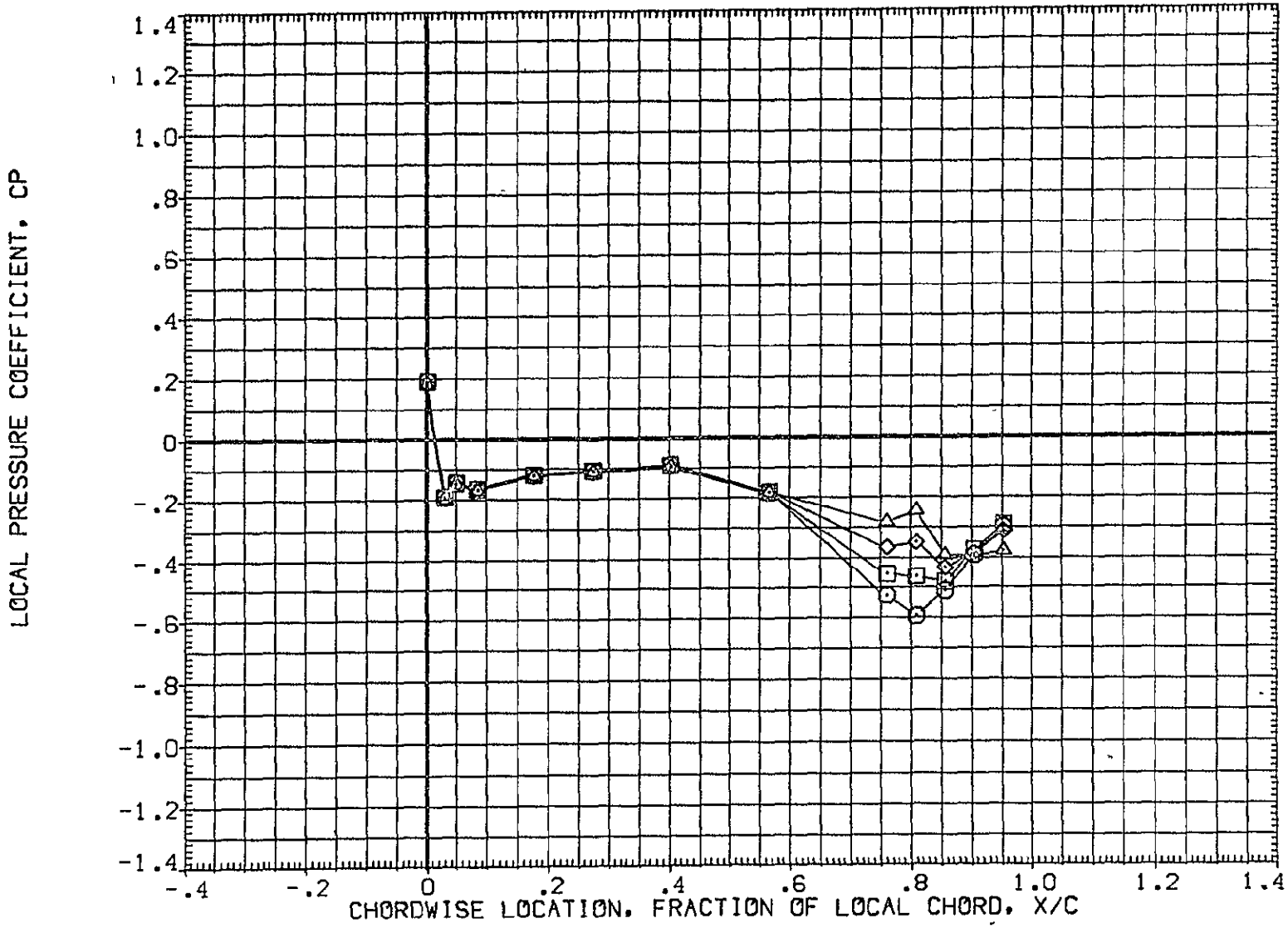

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

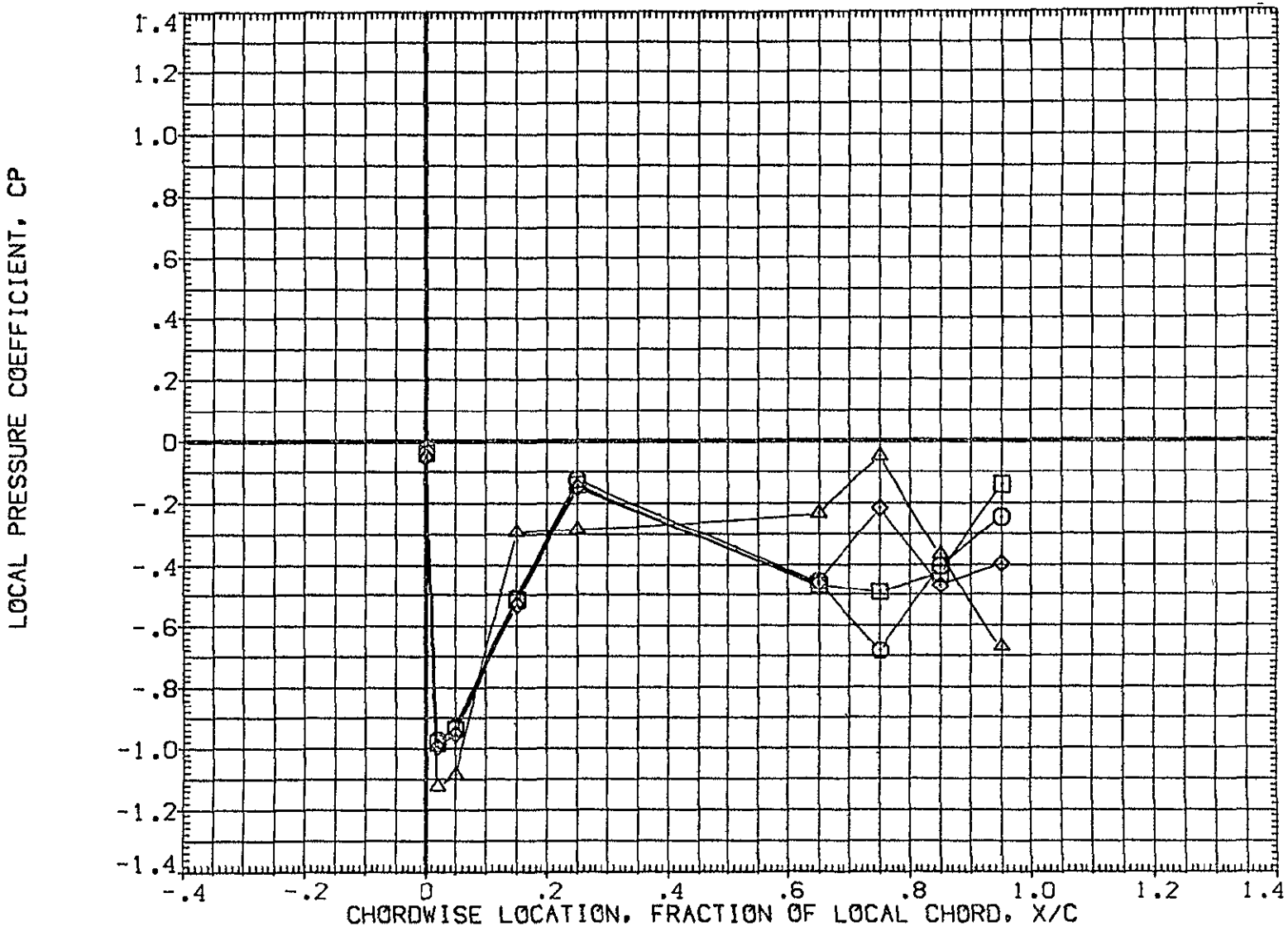

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

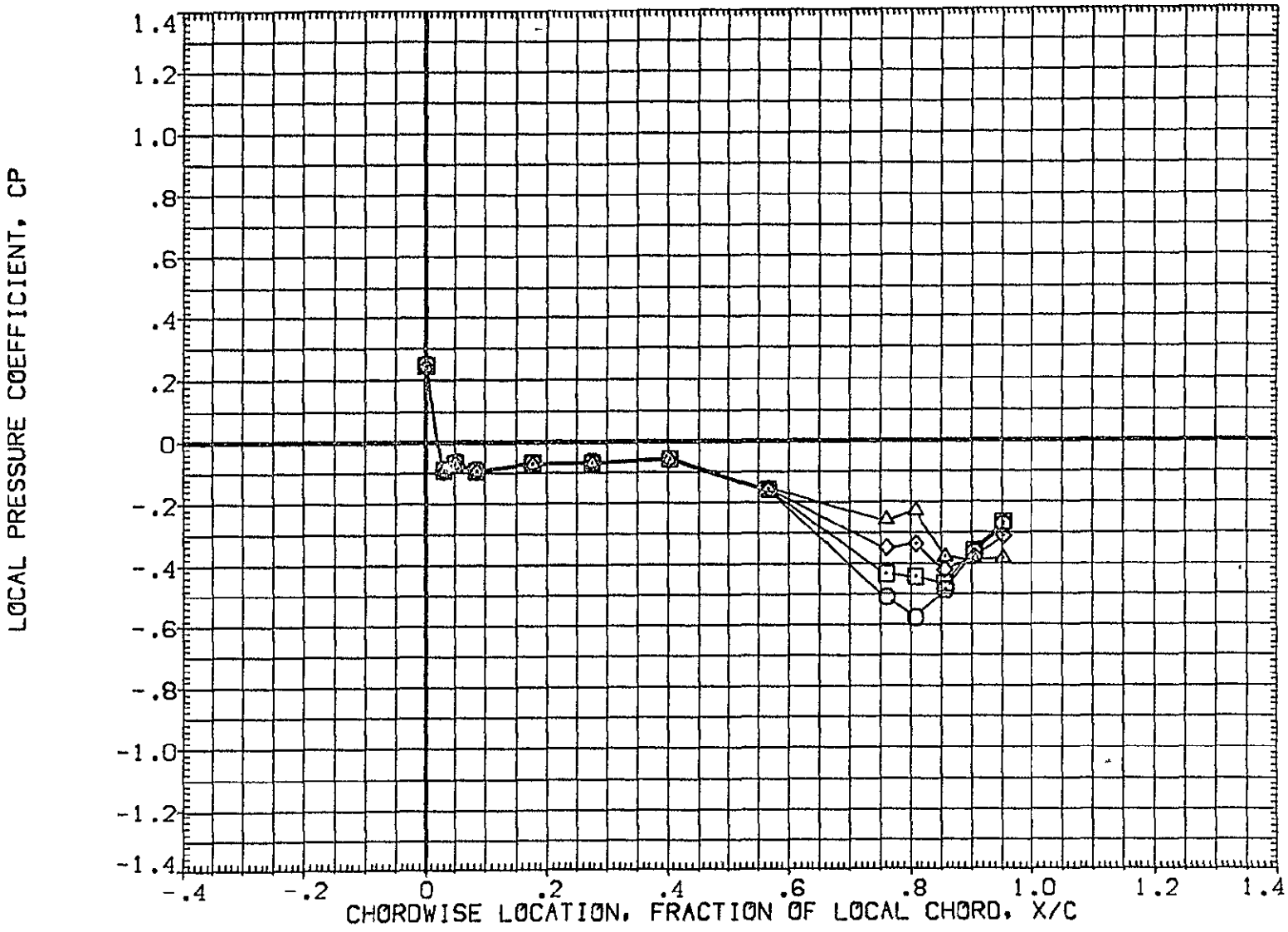

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

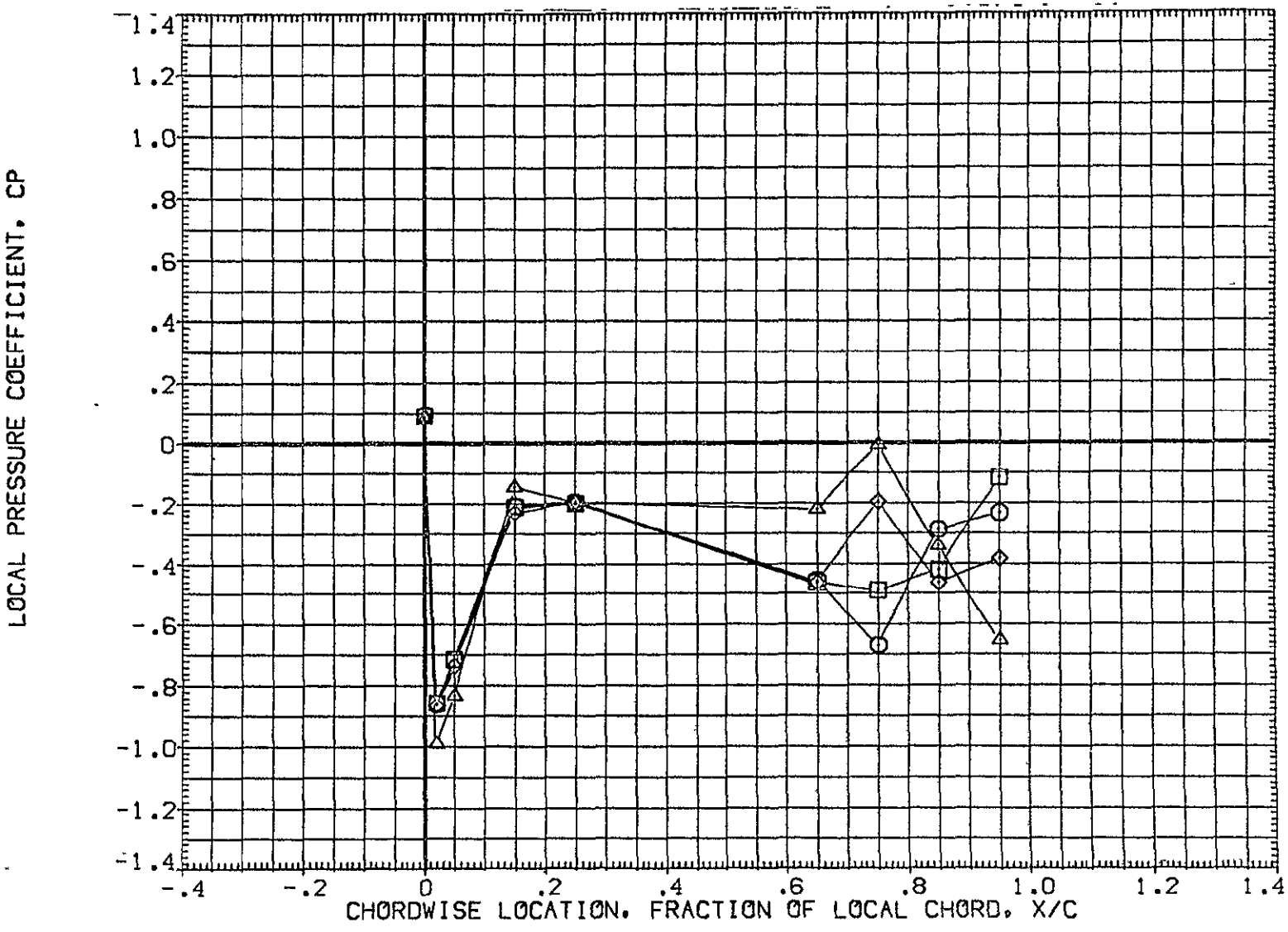

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

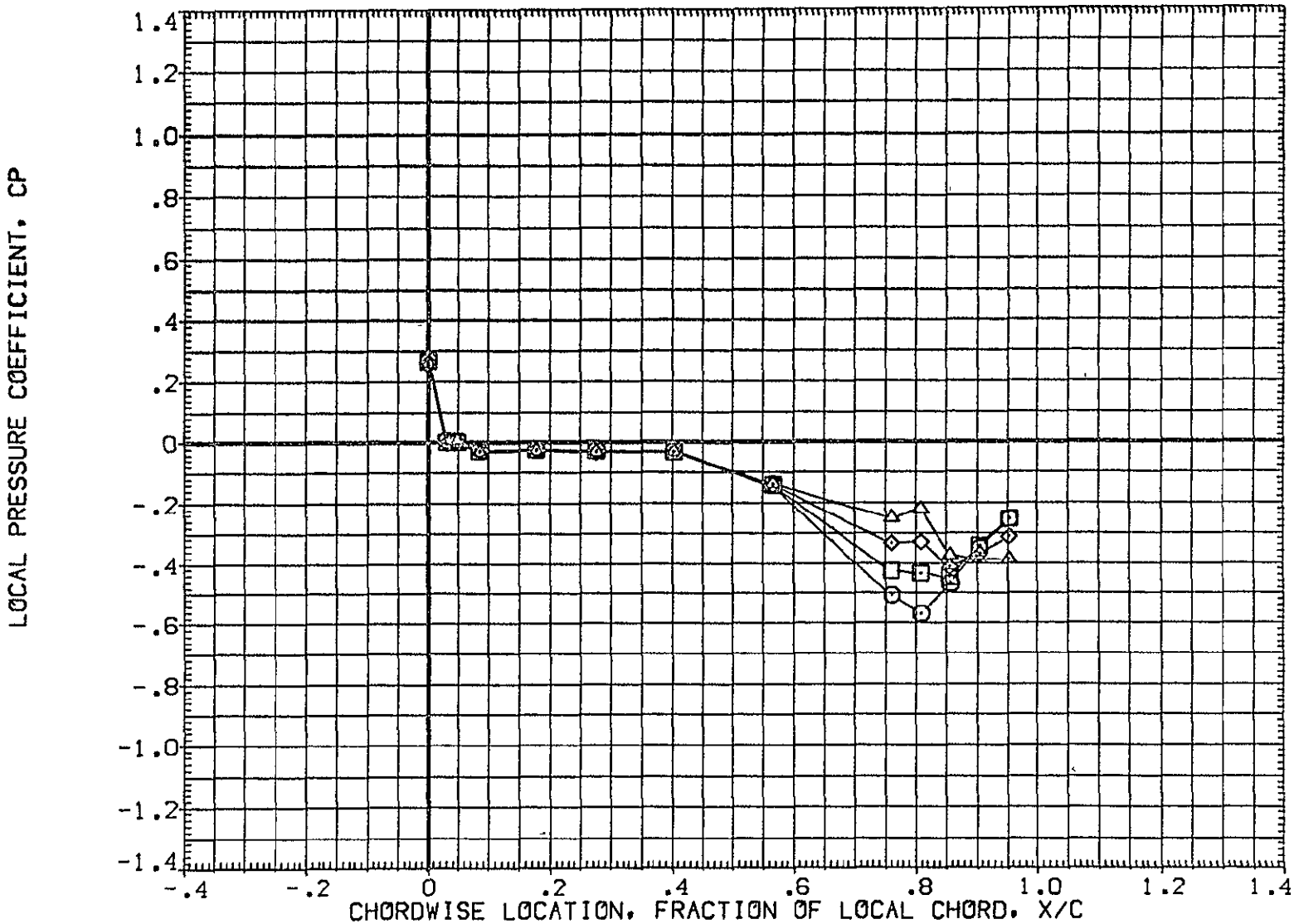

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

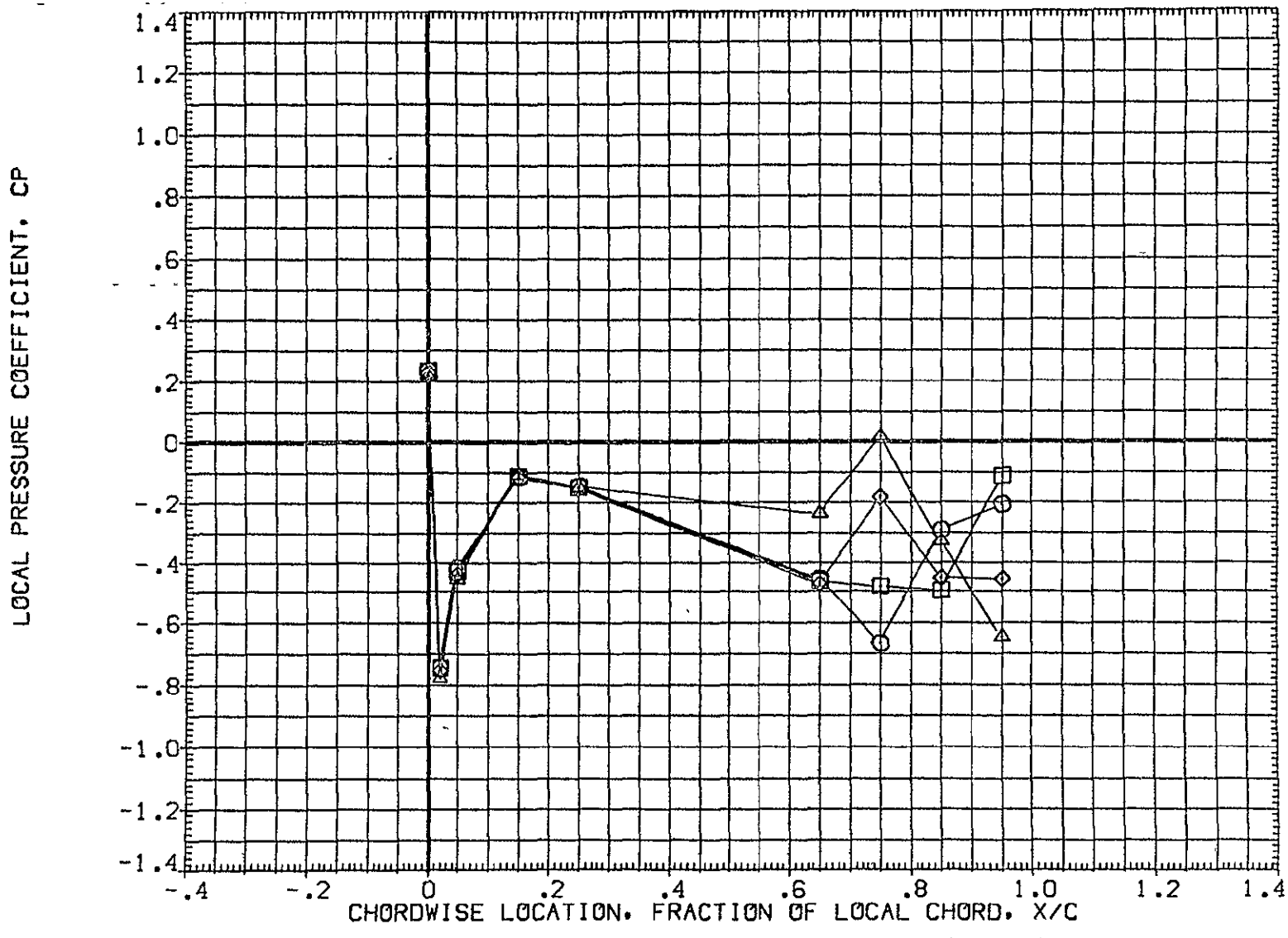

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

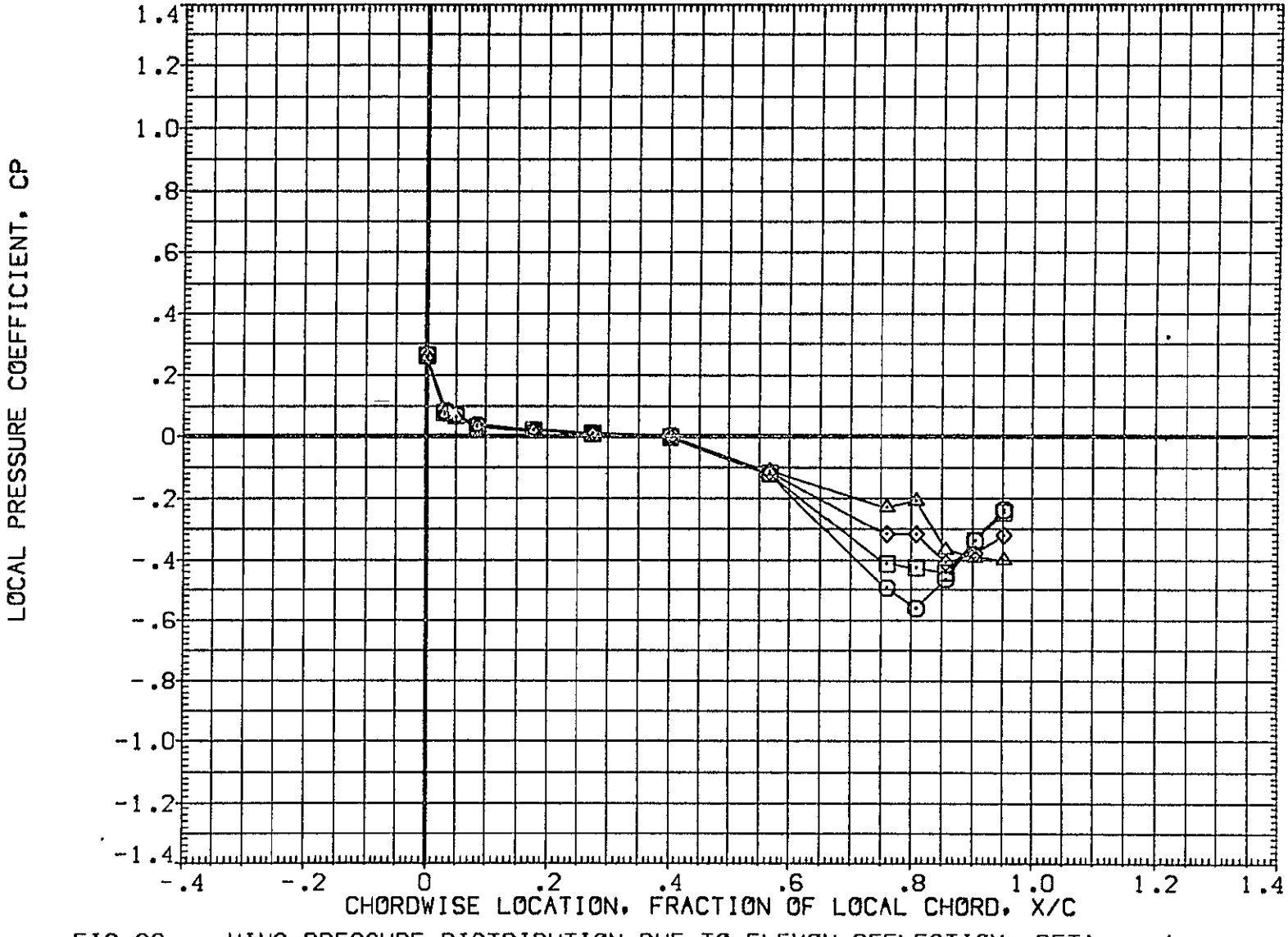

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

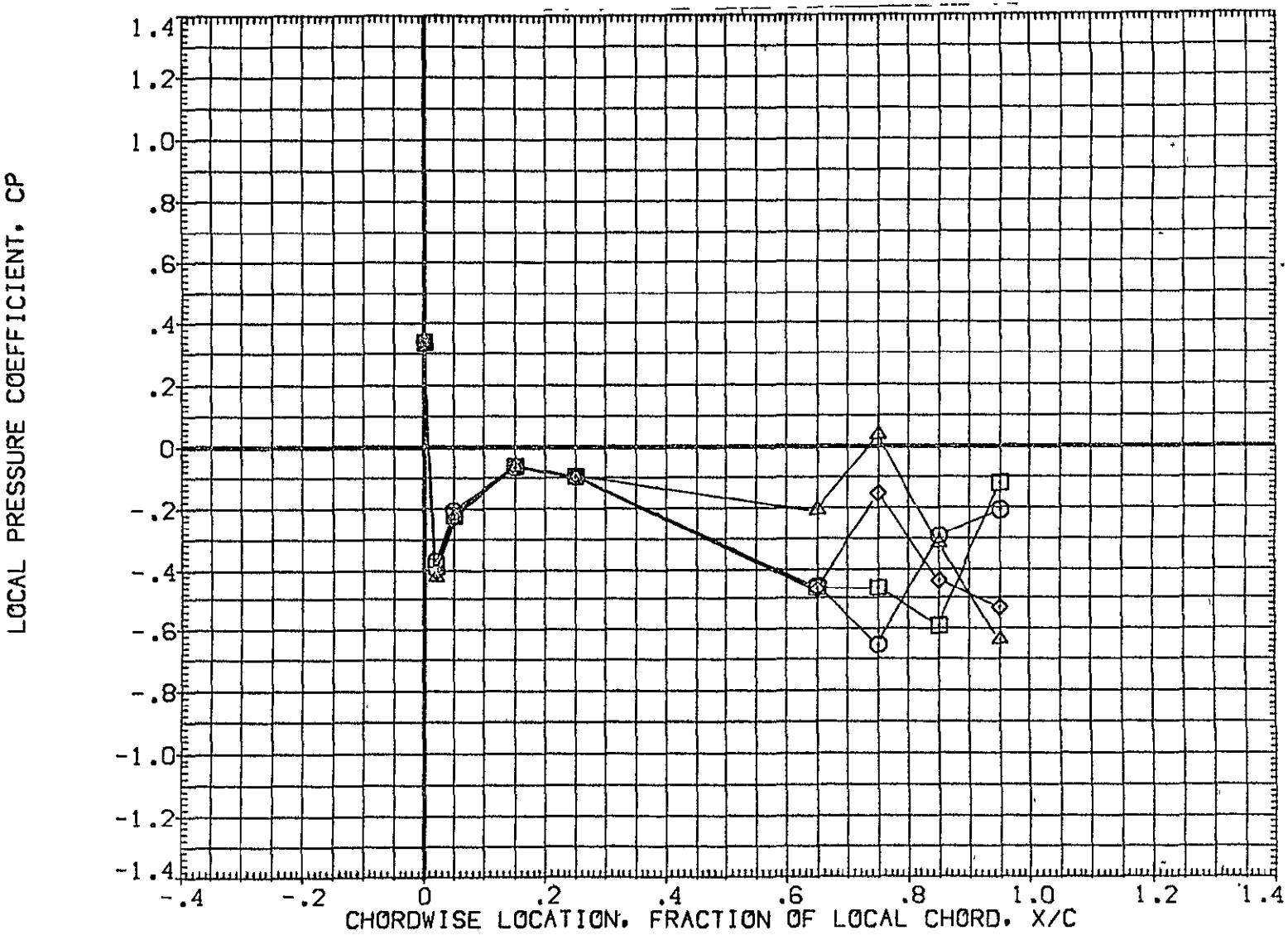

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

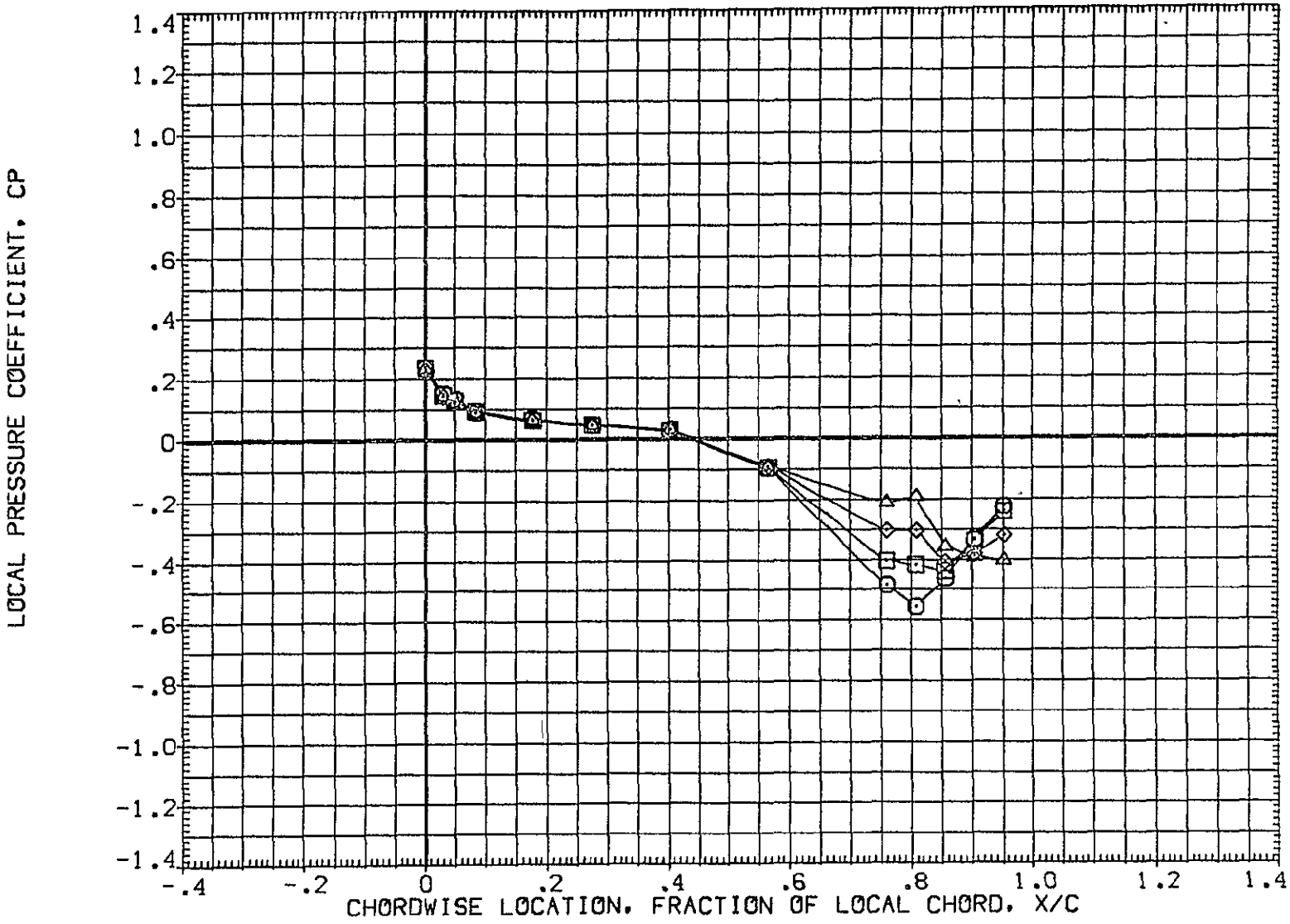

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⋈	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	⧖	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

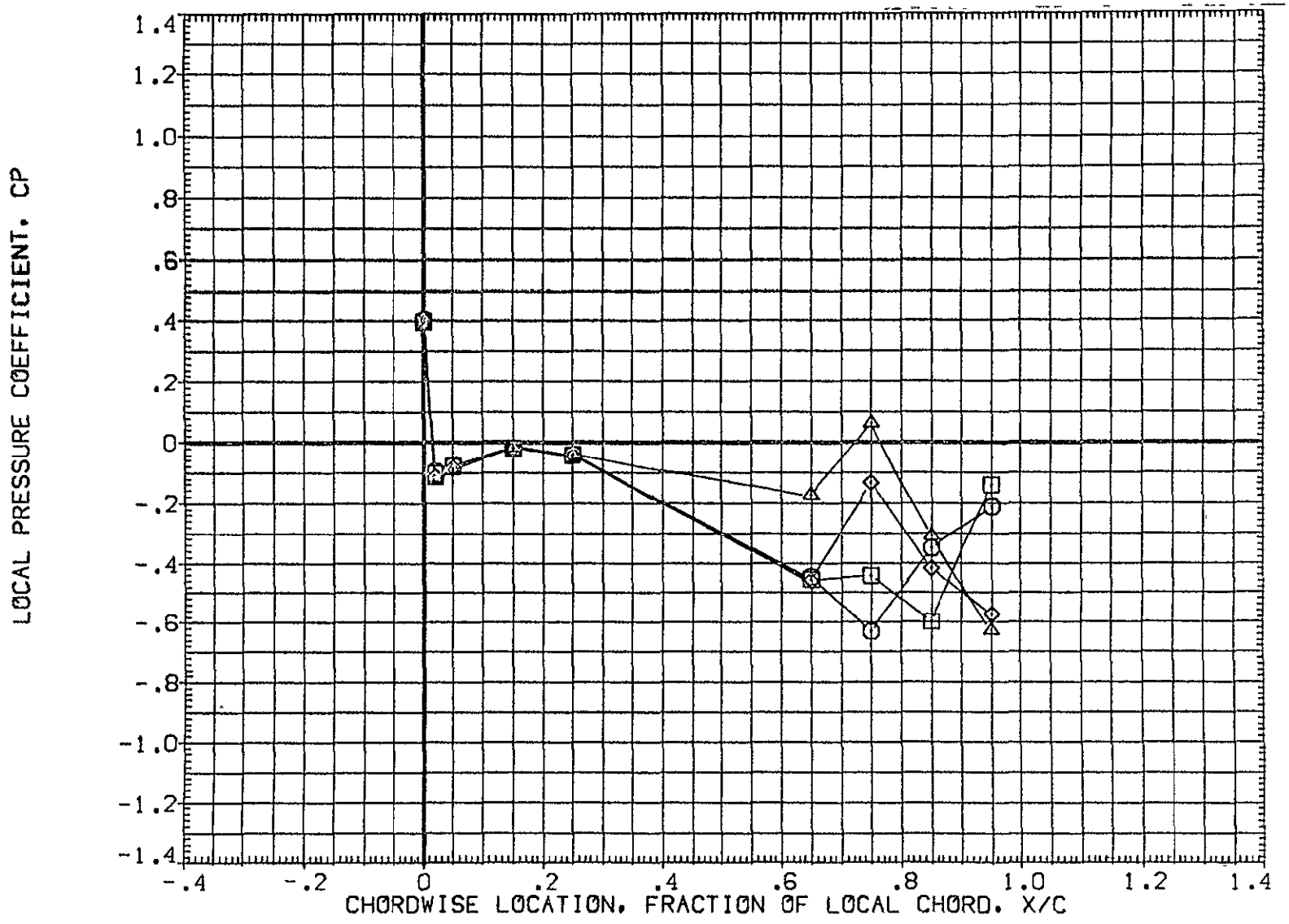

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

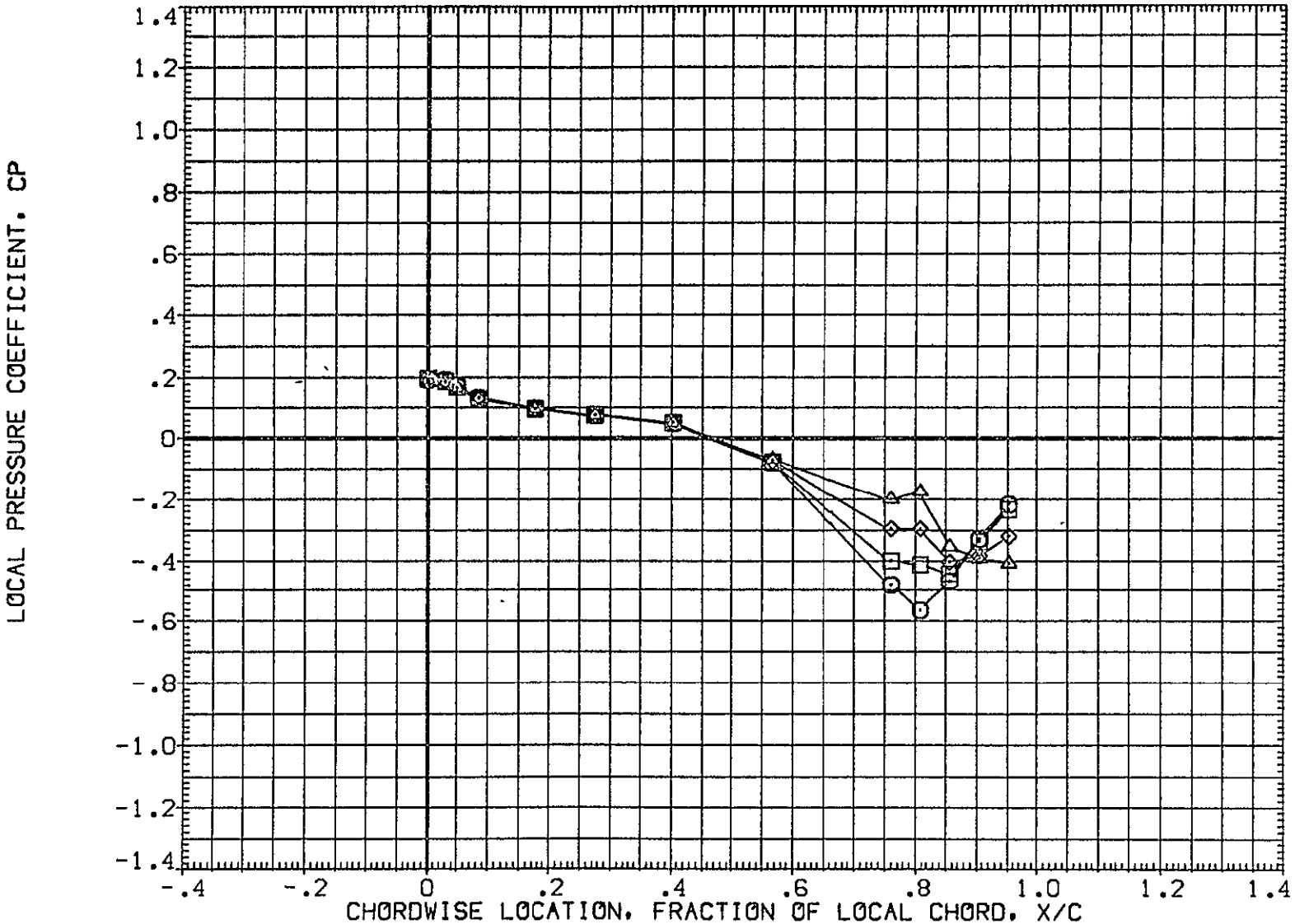

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

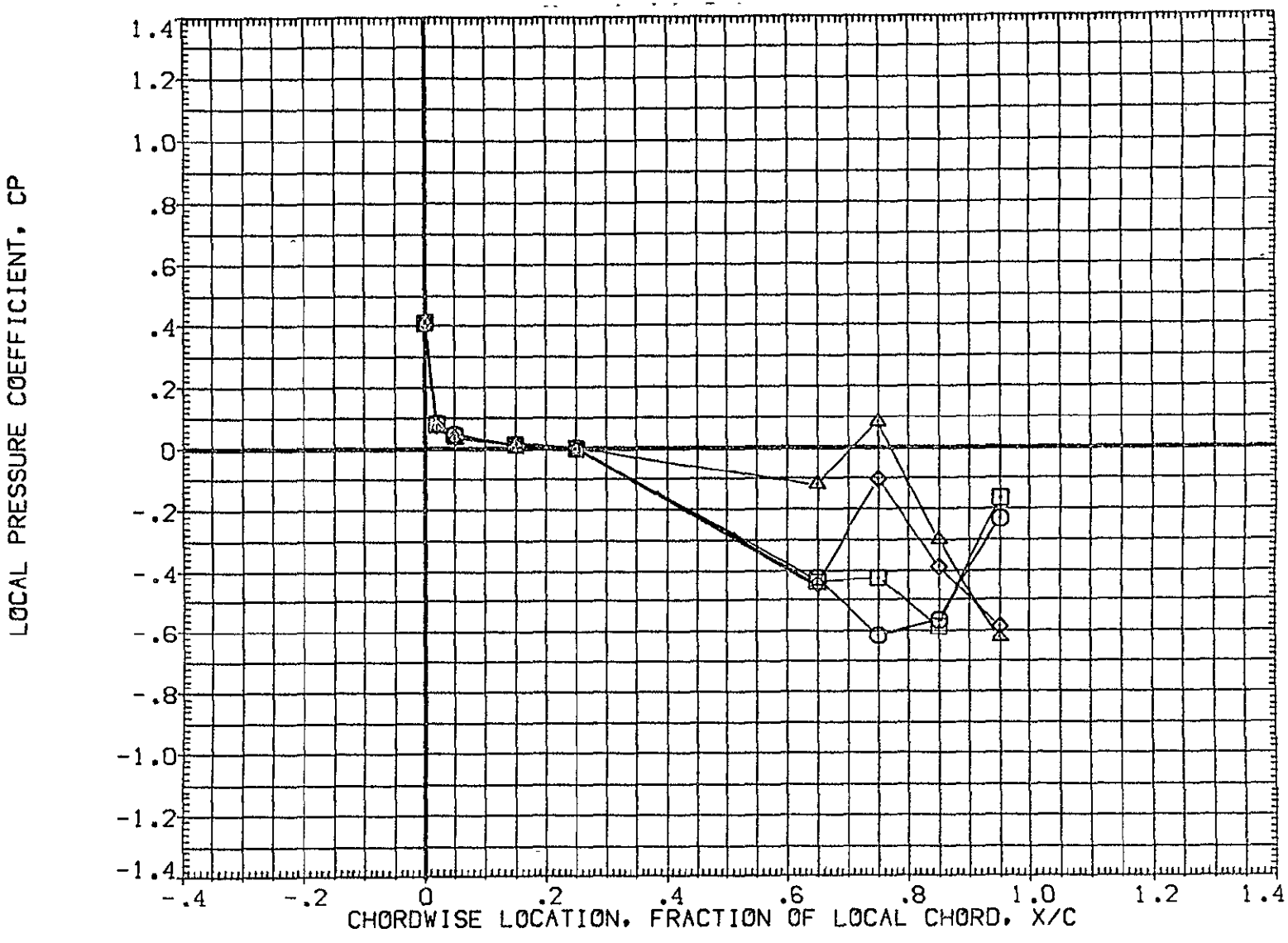

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

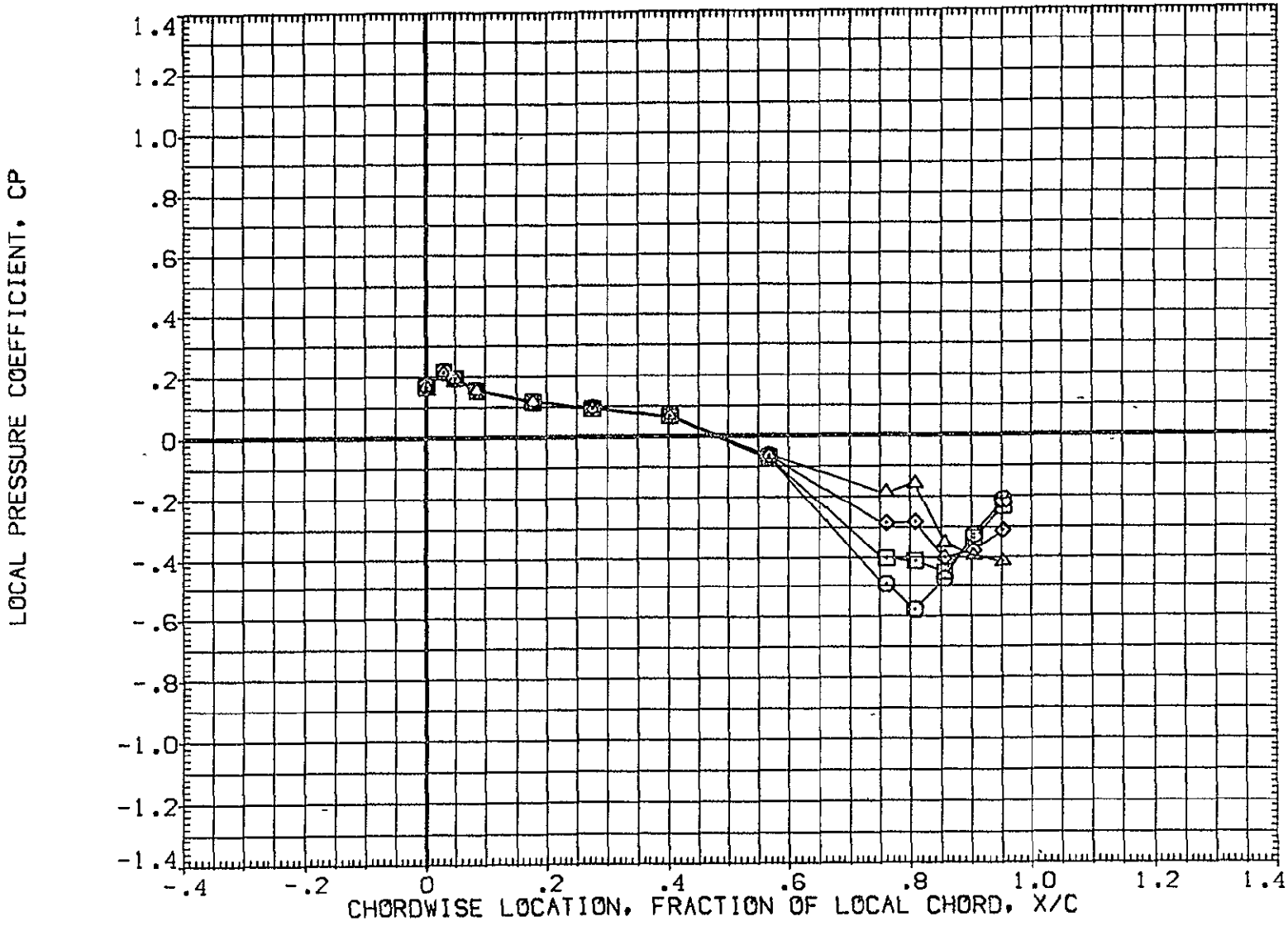

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

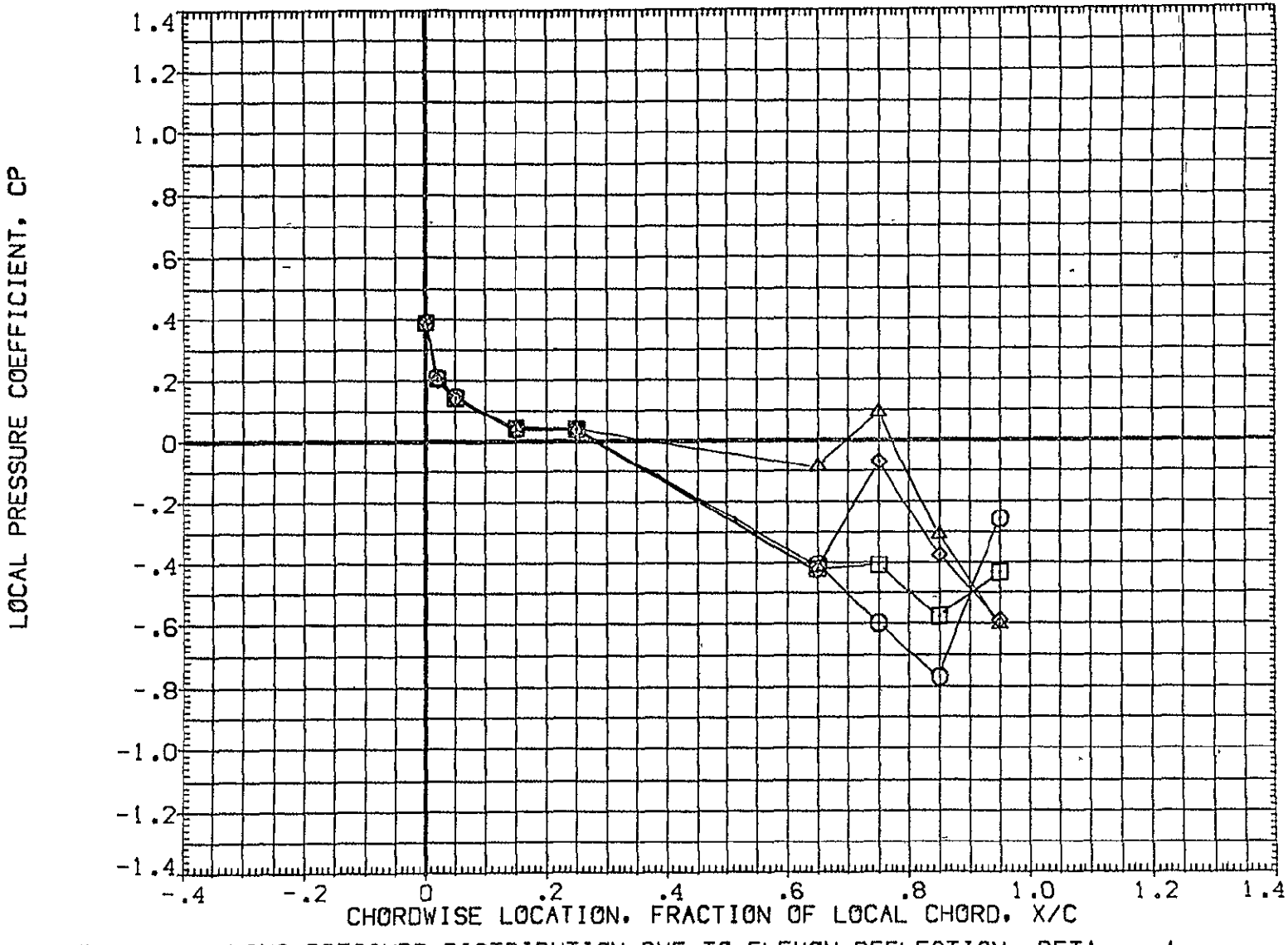

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

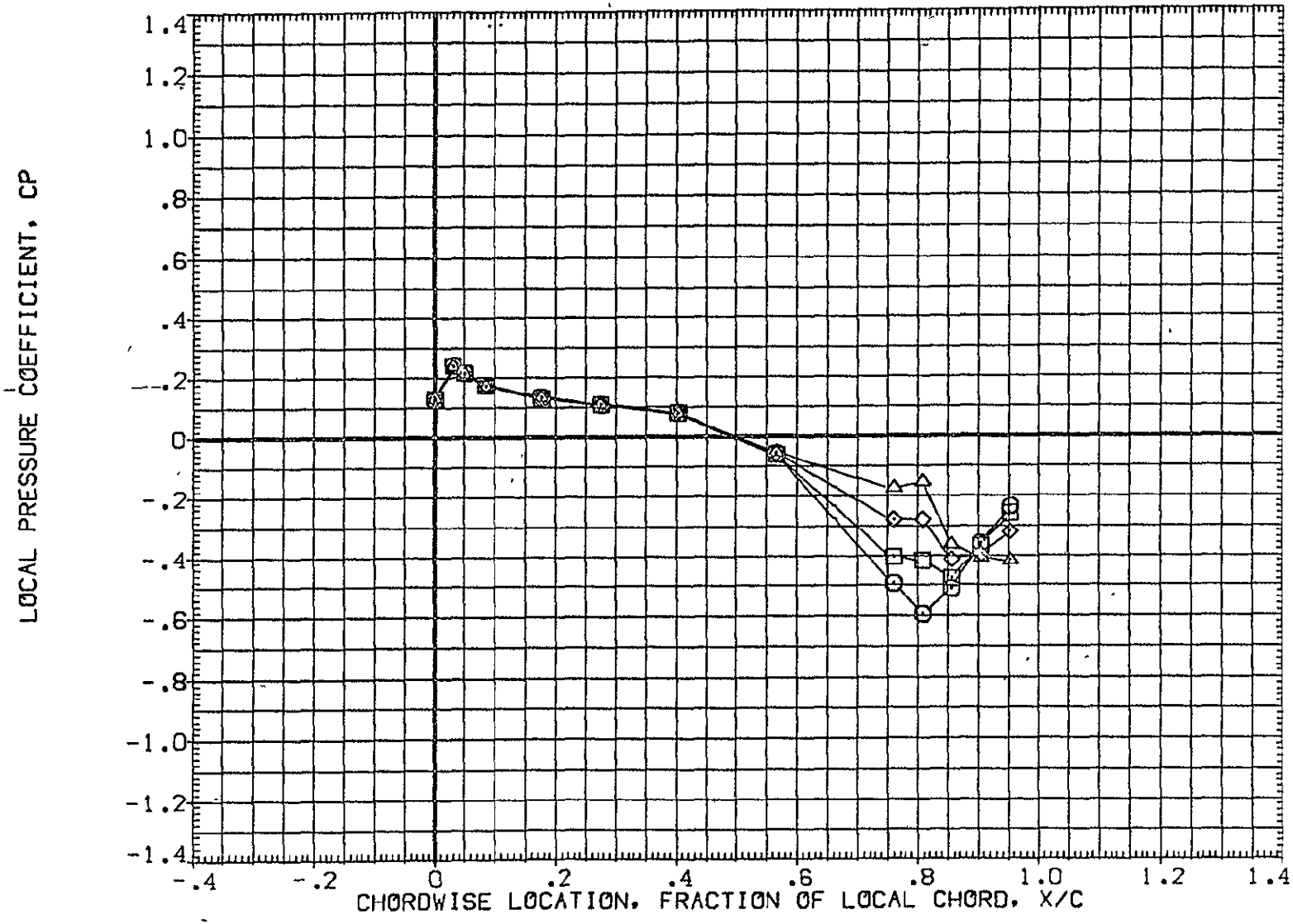

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

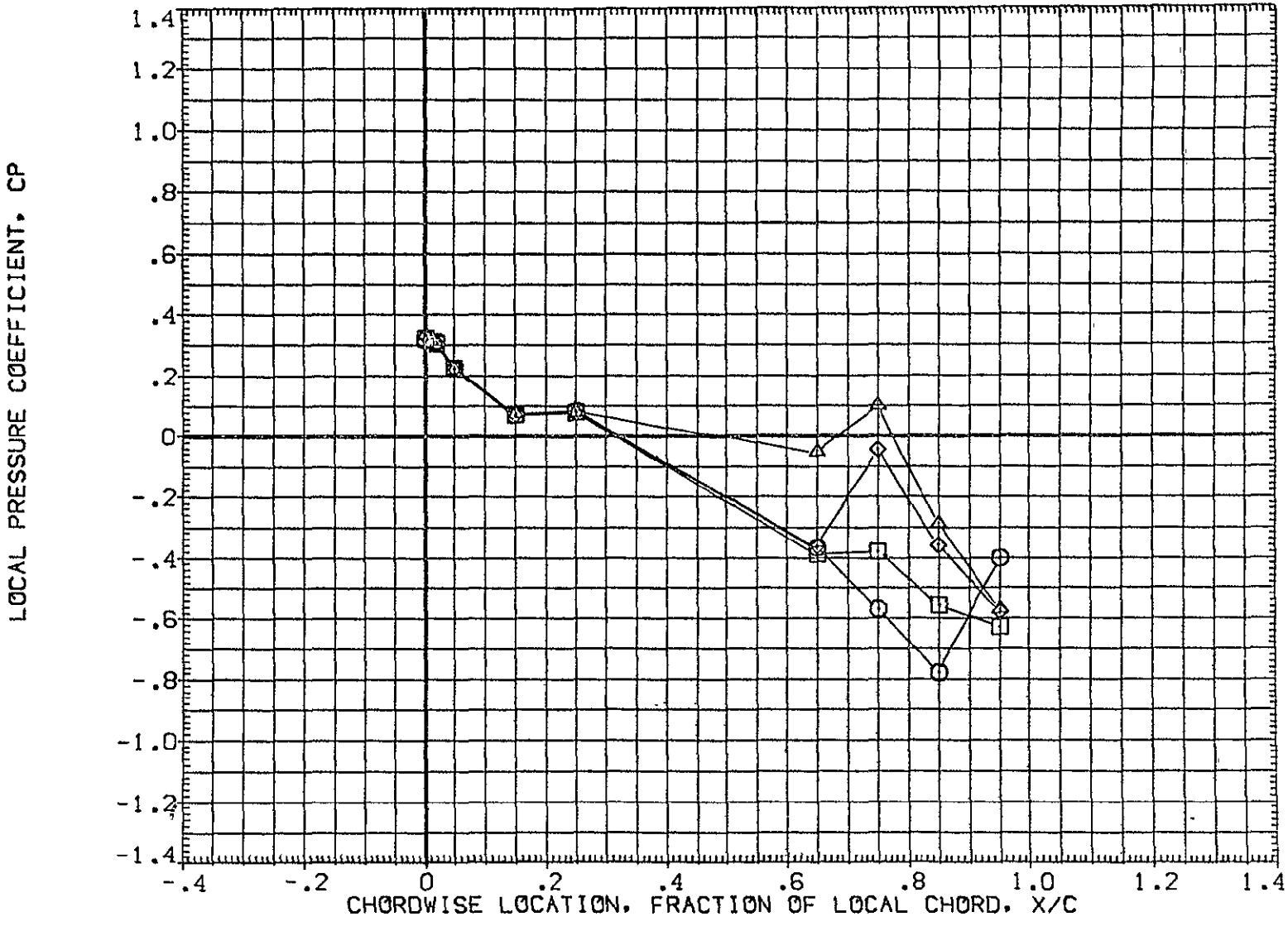

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

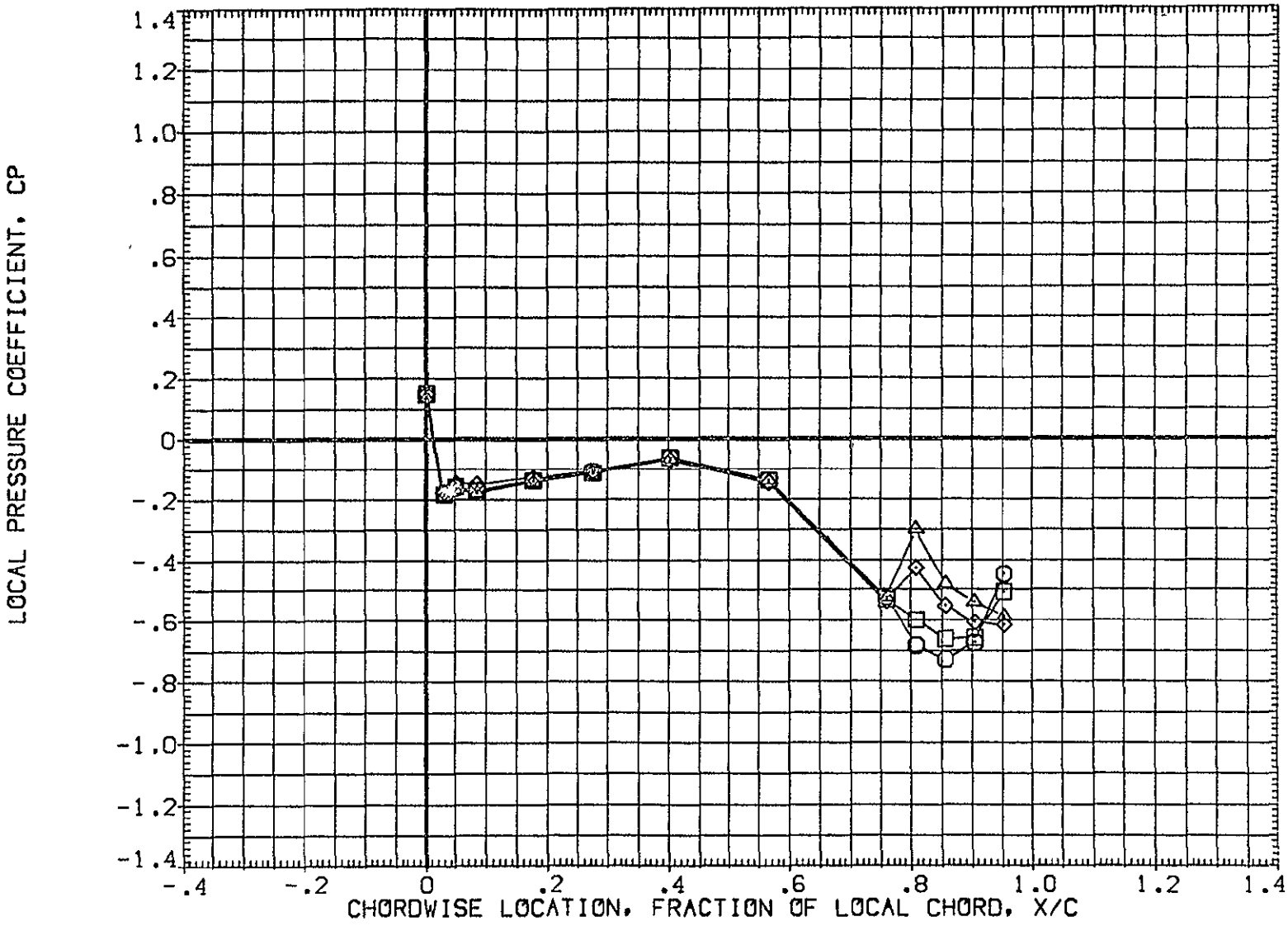

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

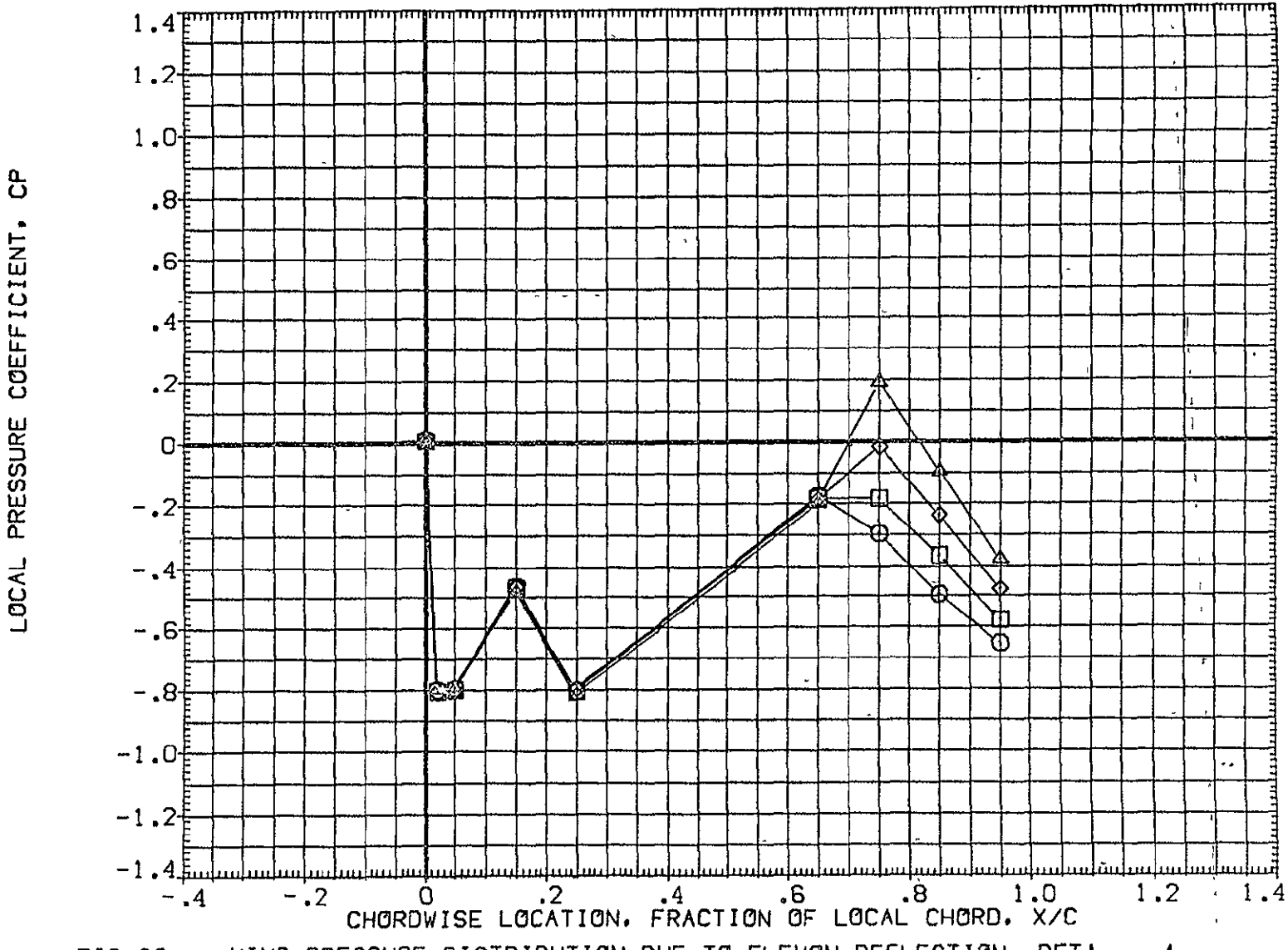

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

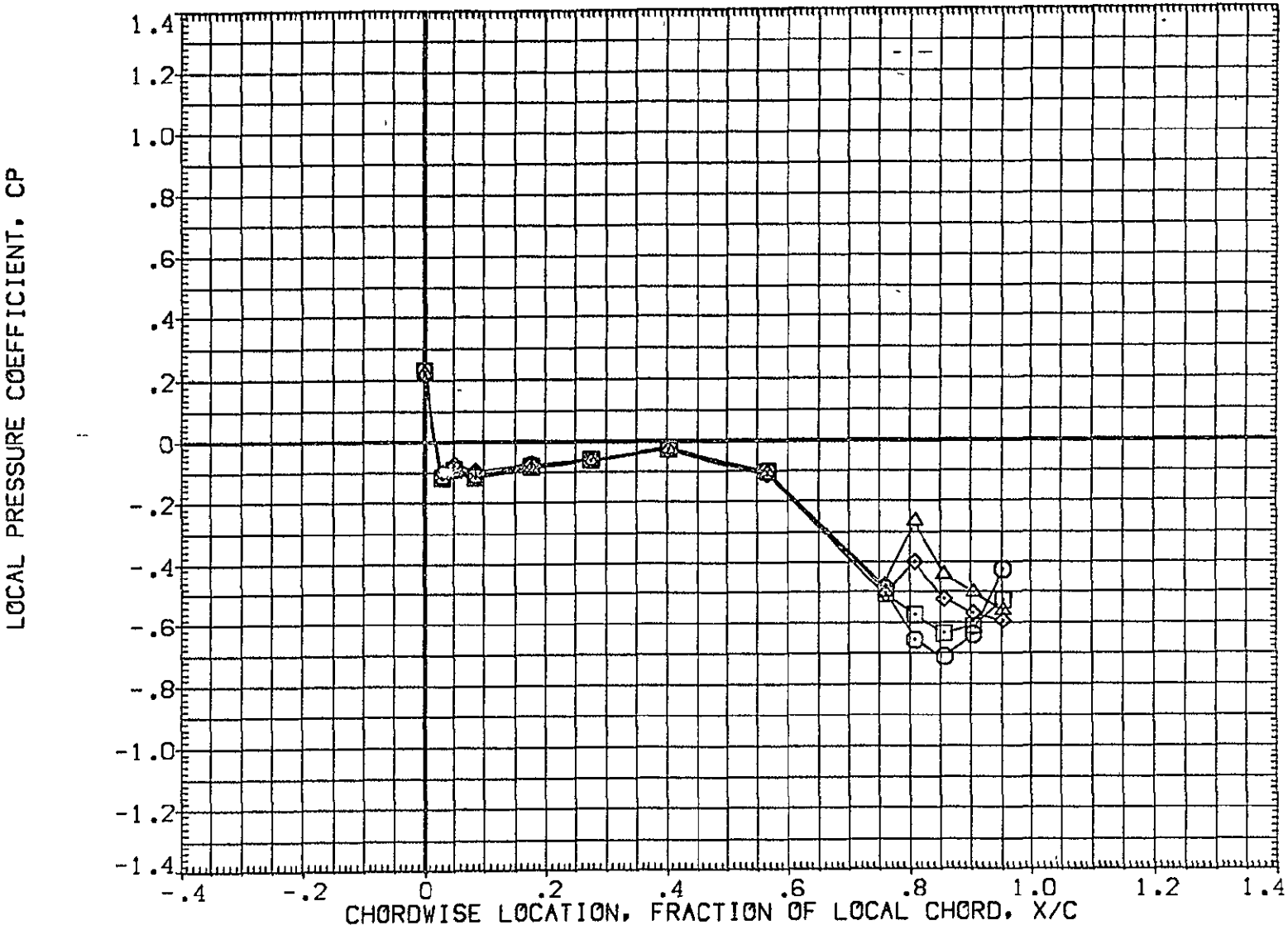

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

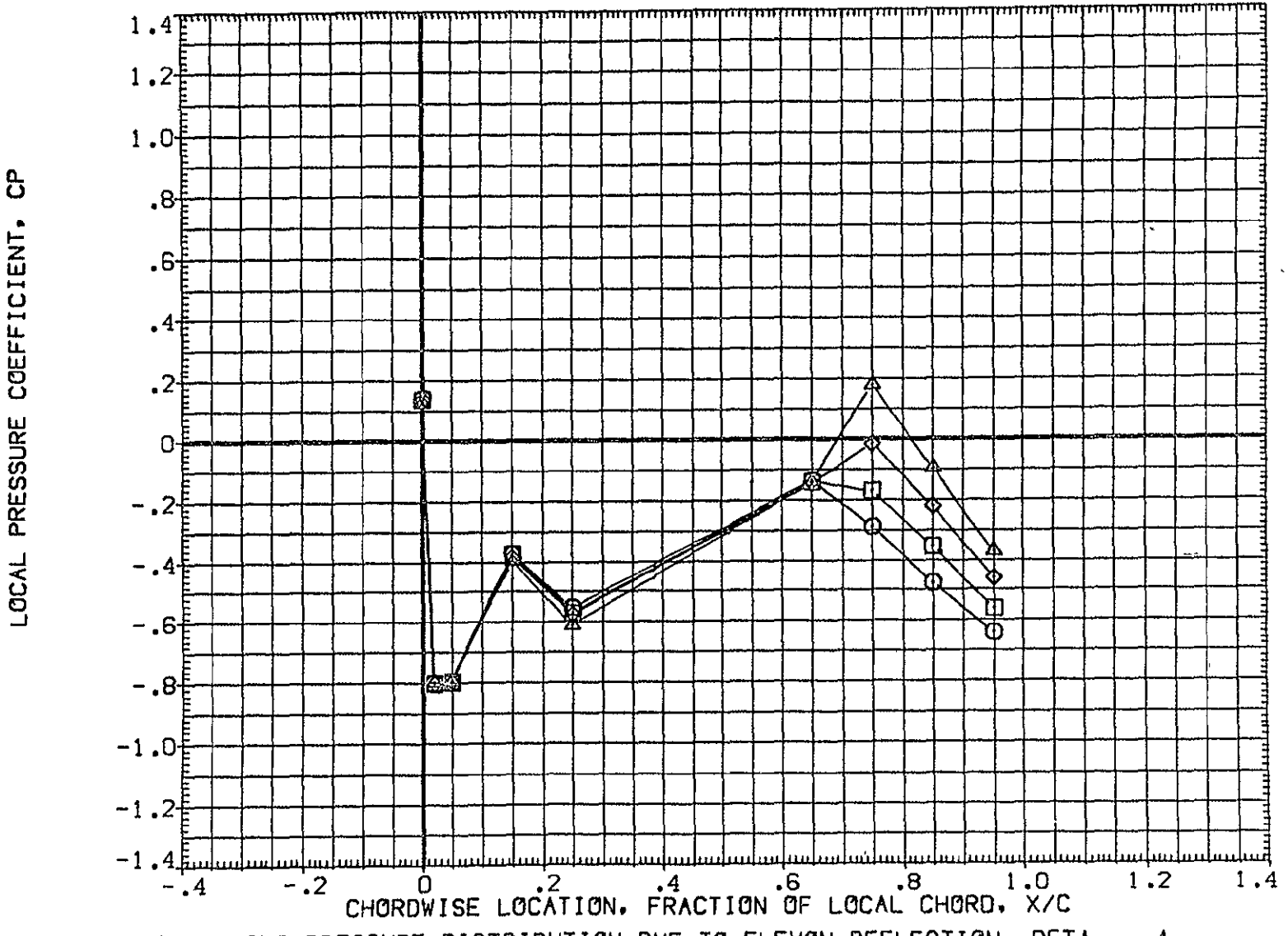

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

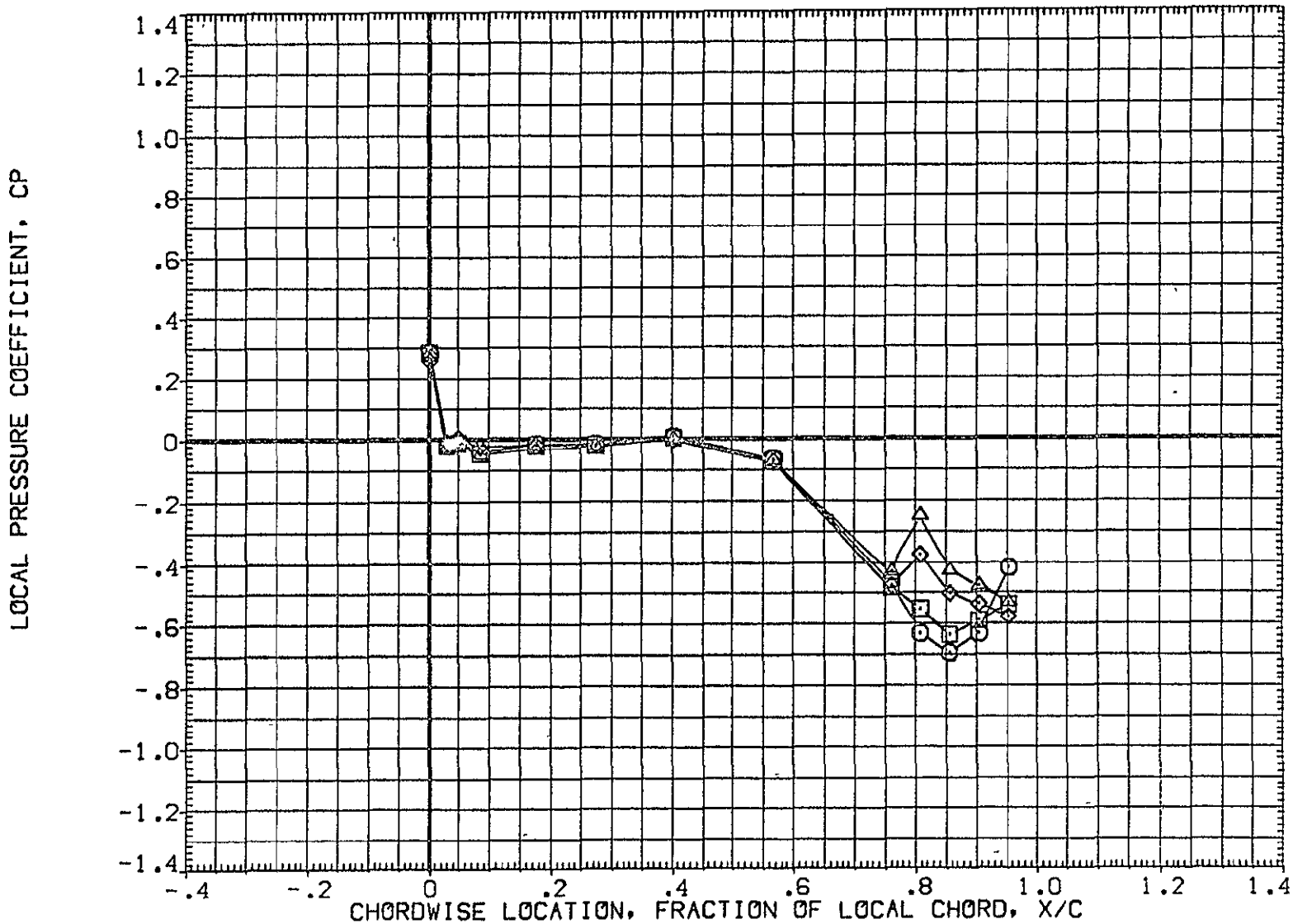

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

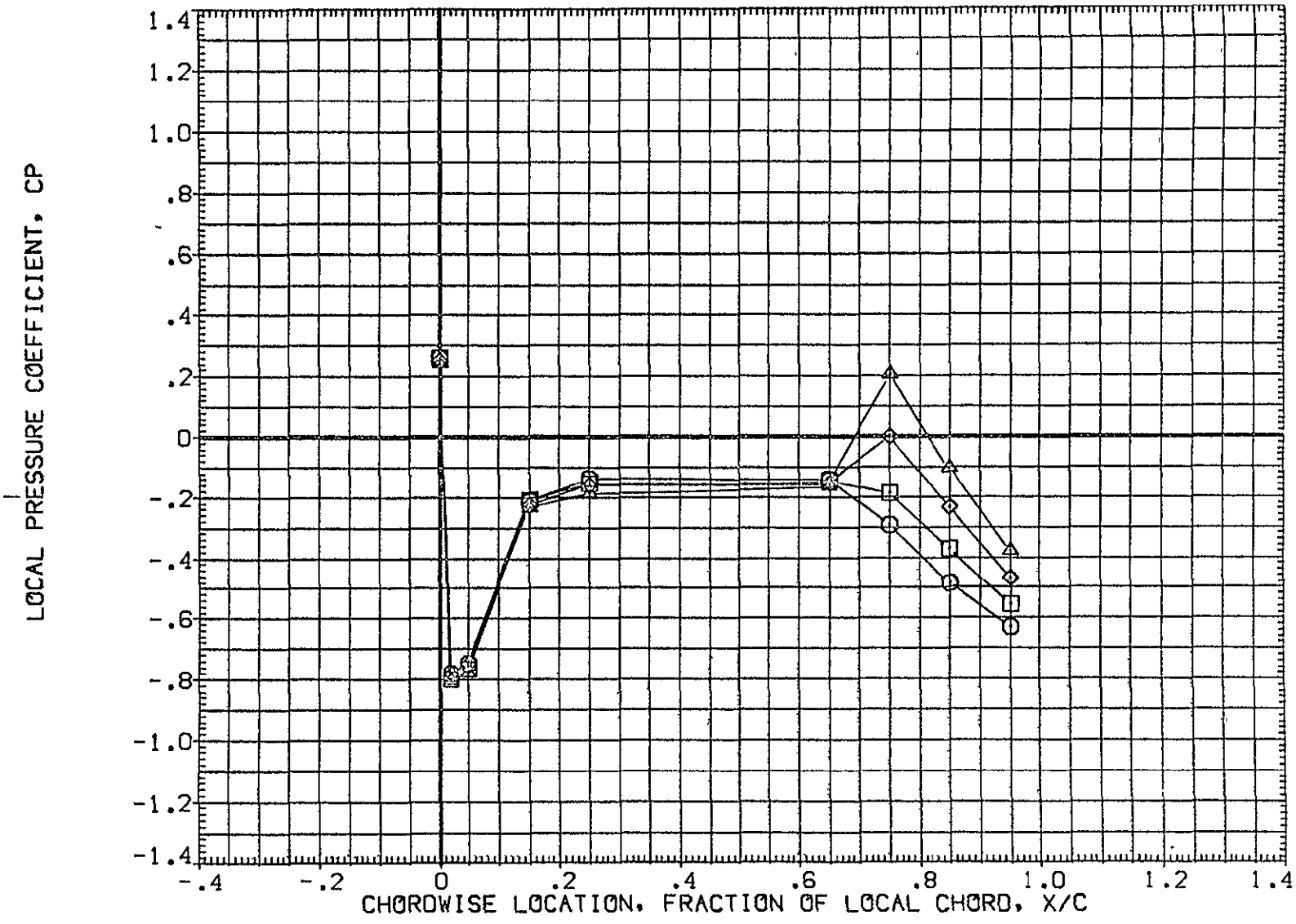

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

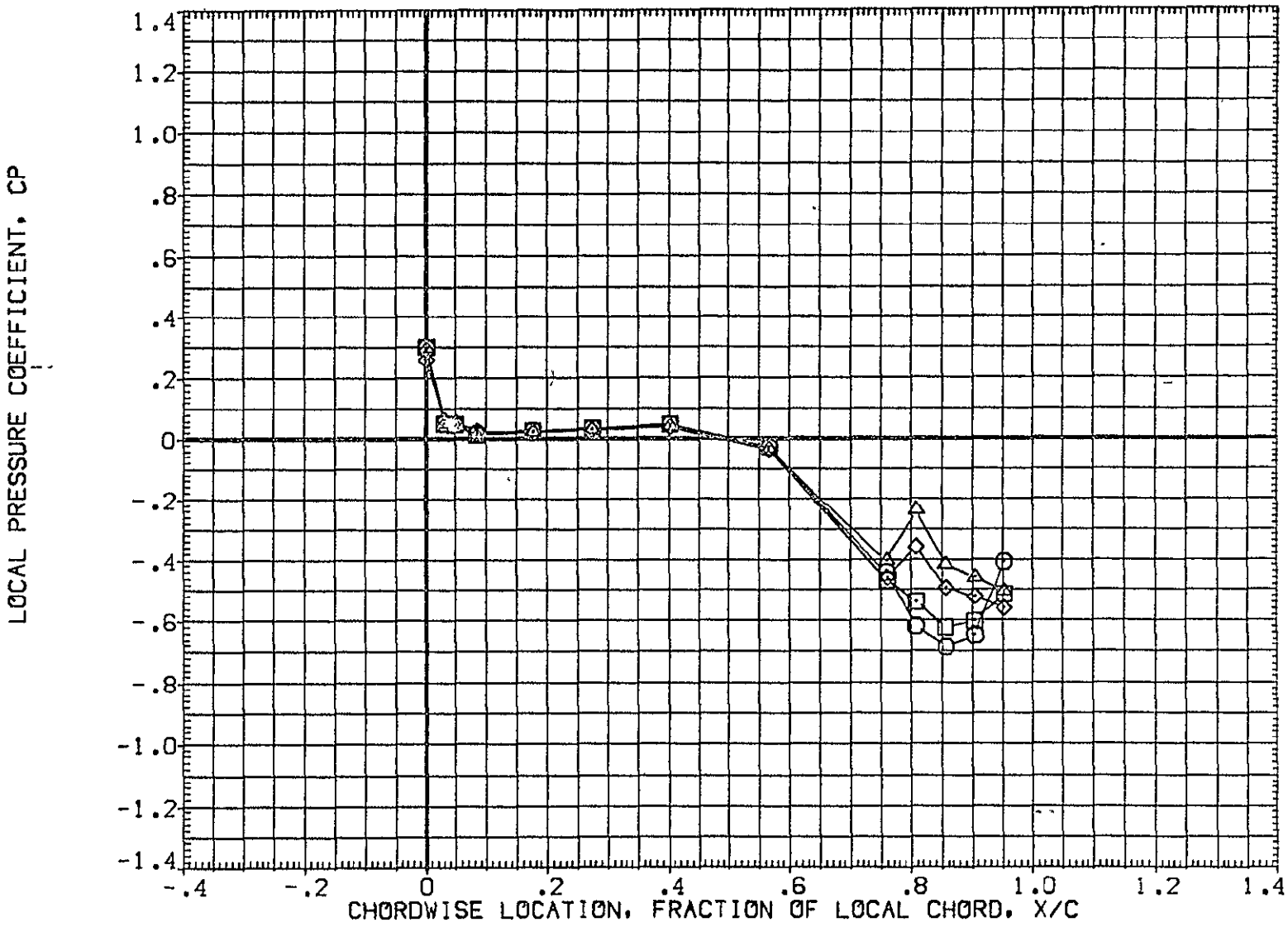

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

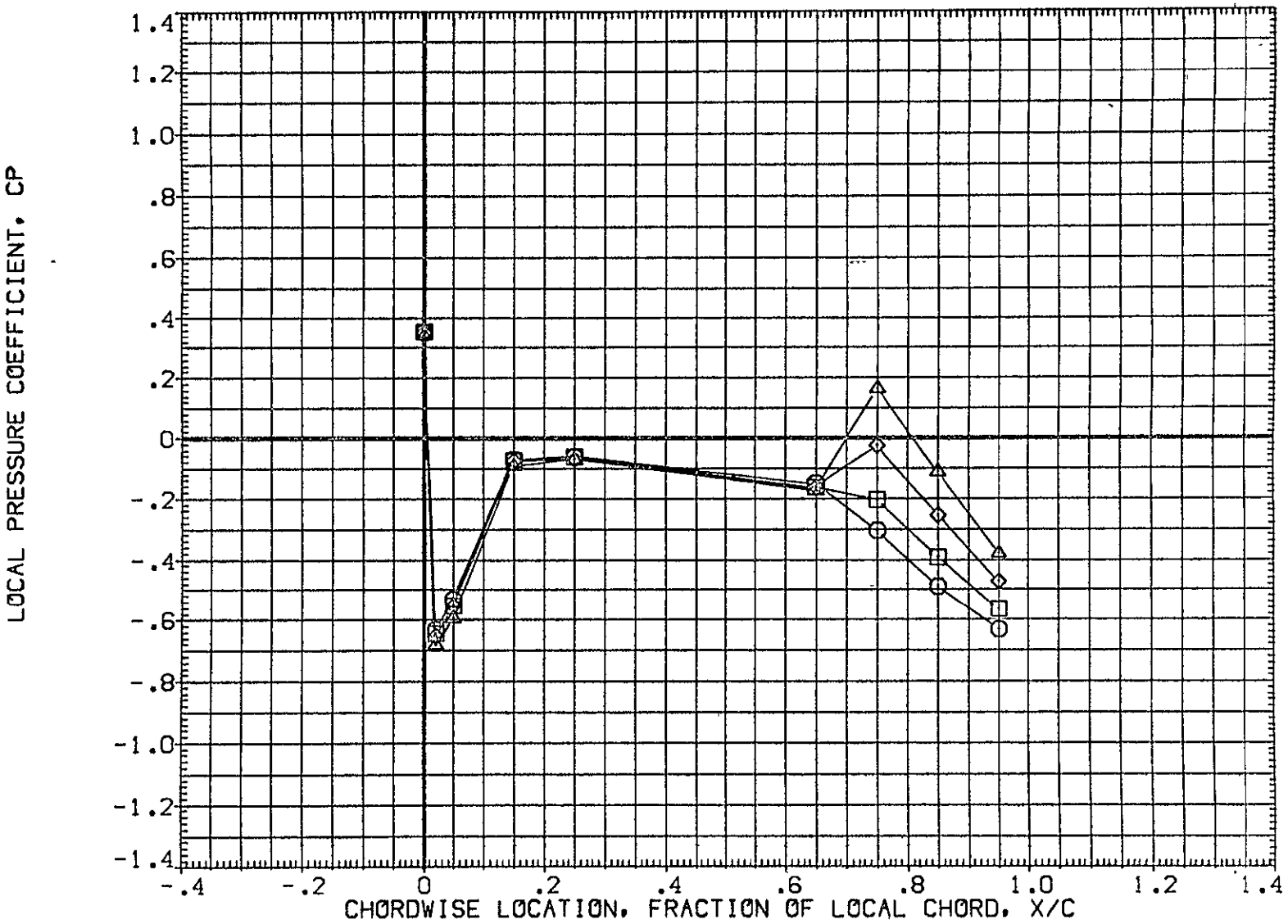

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

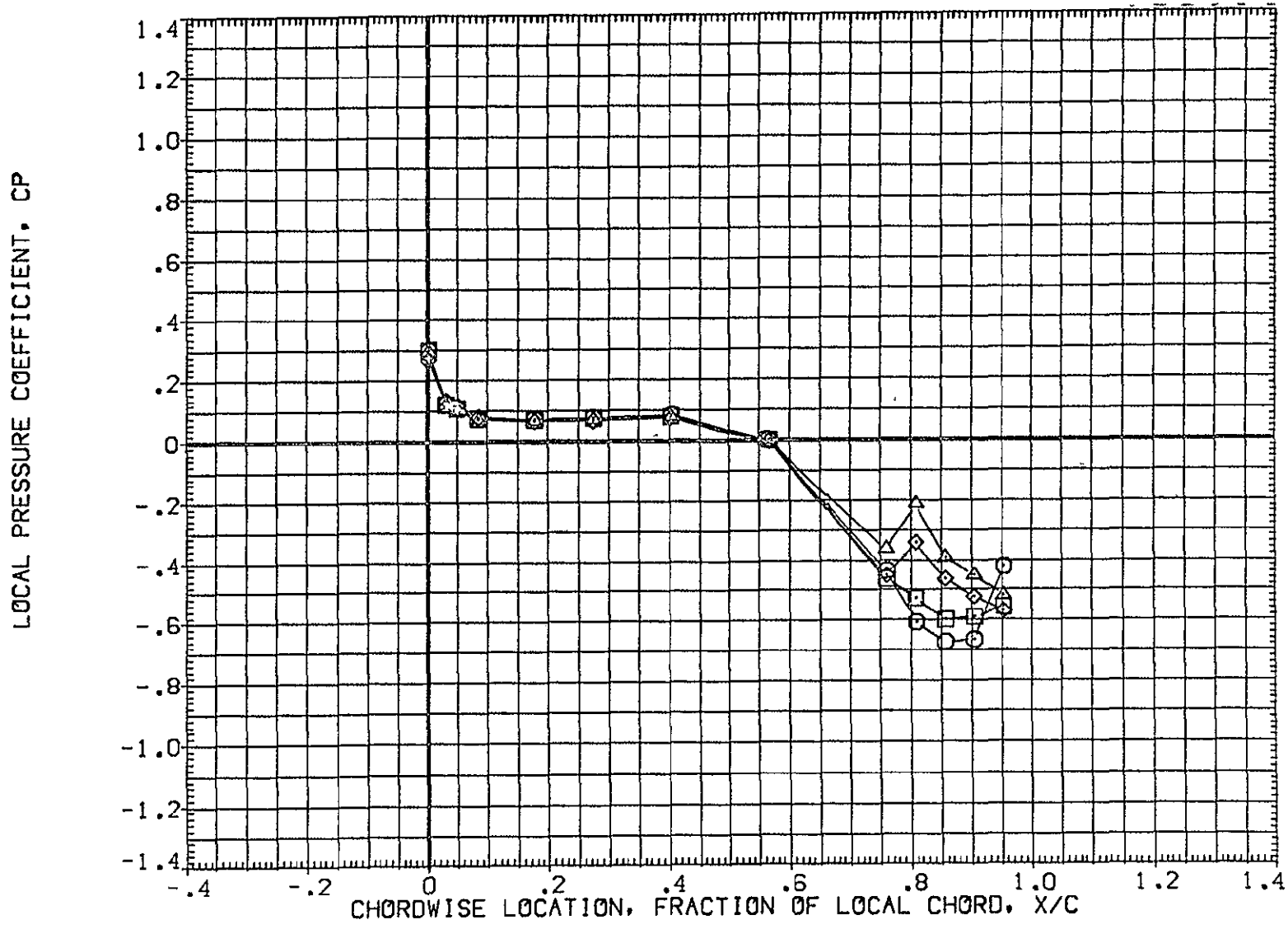

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

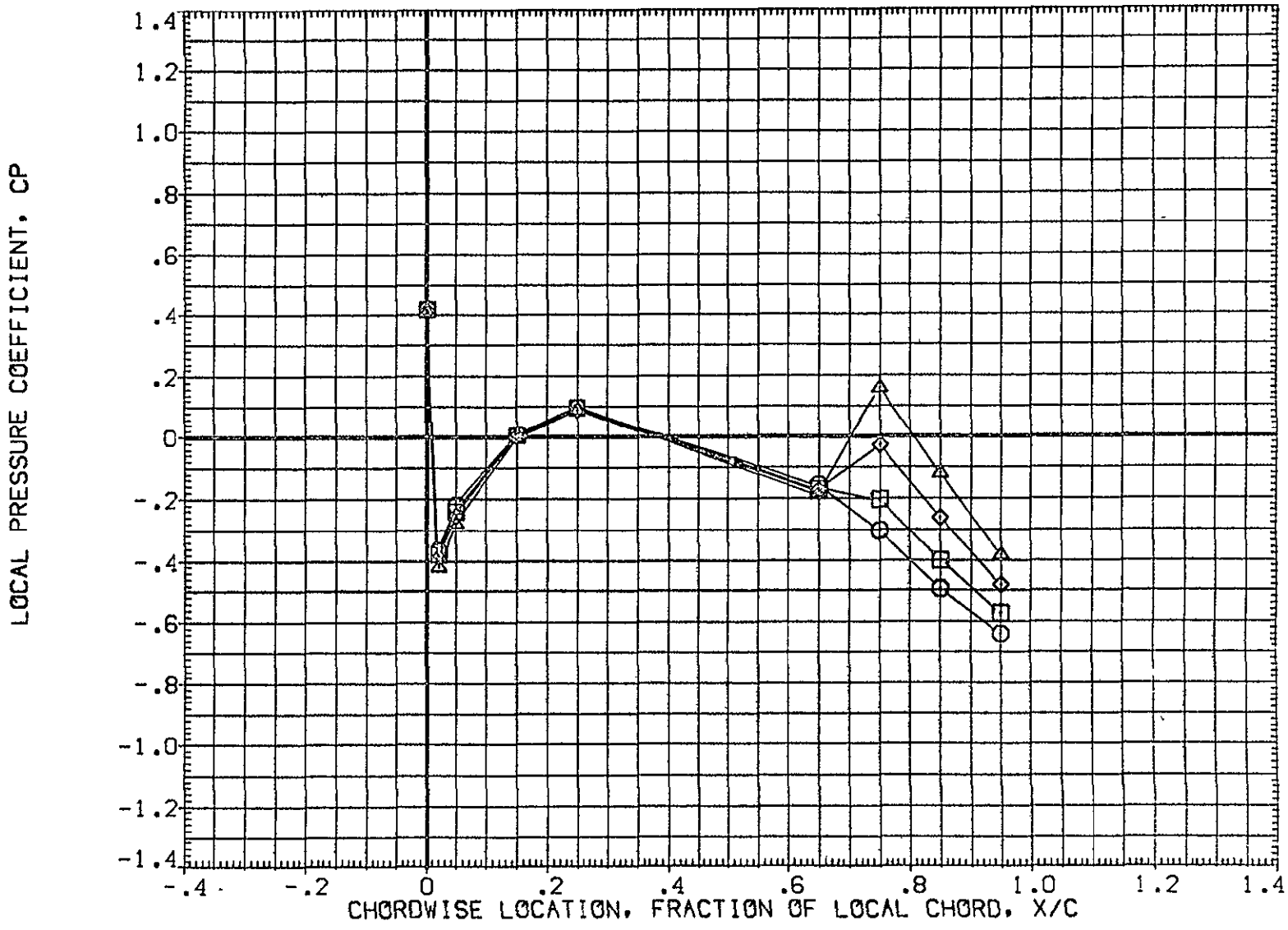

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .771

C-5

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

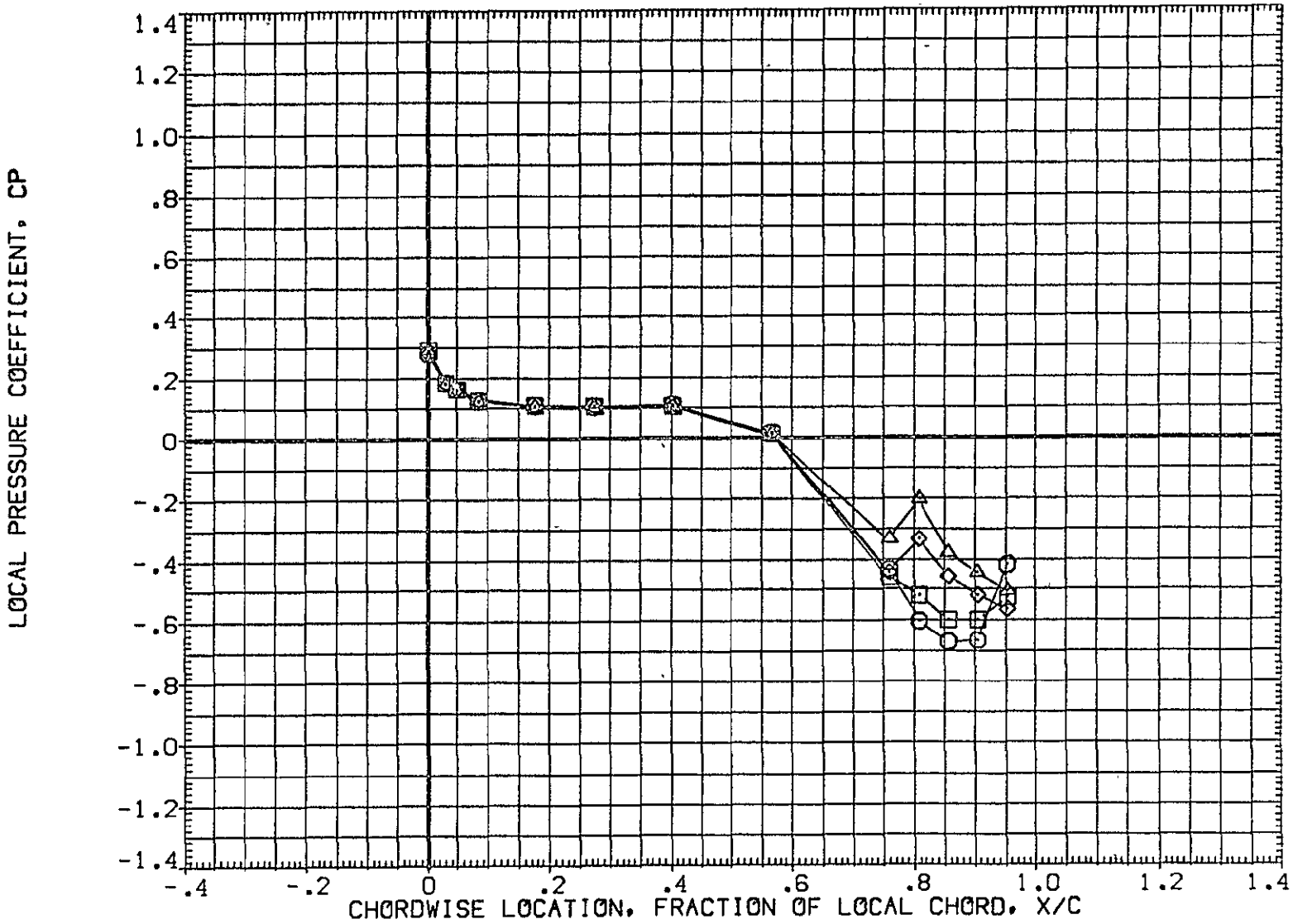

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

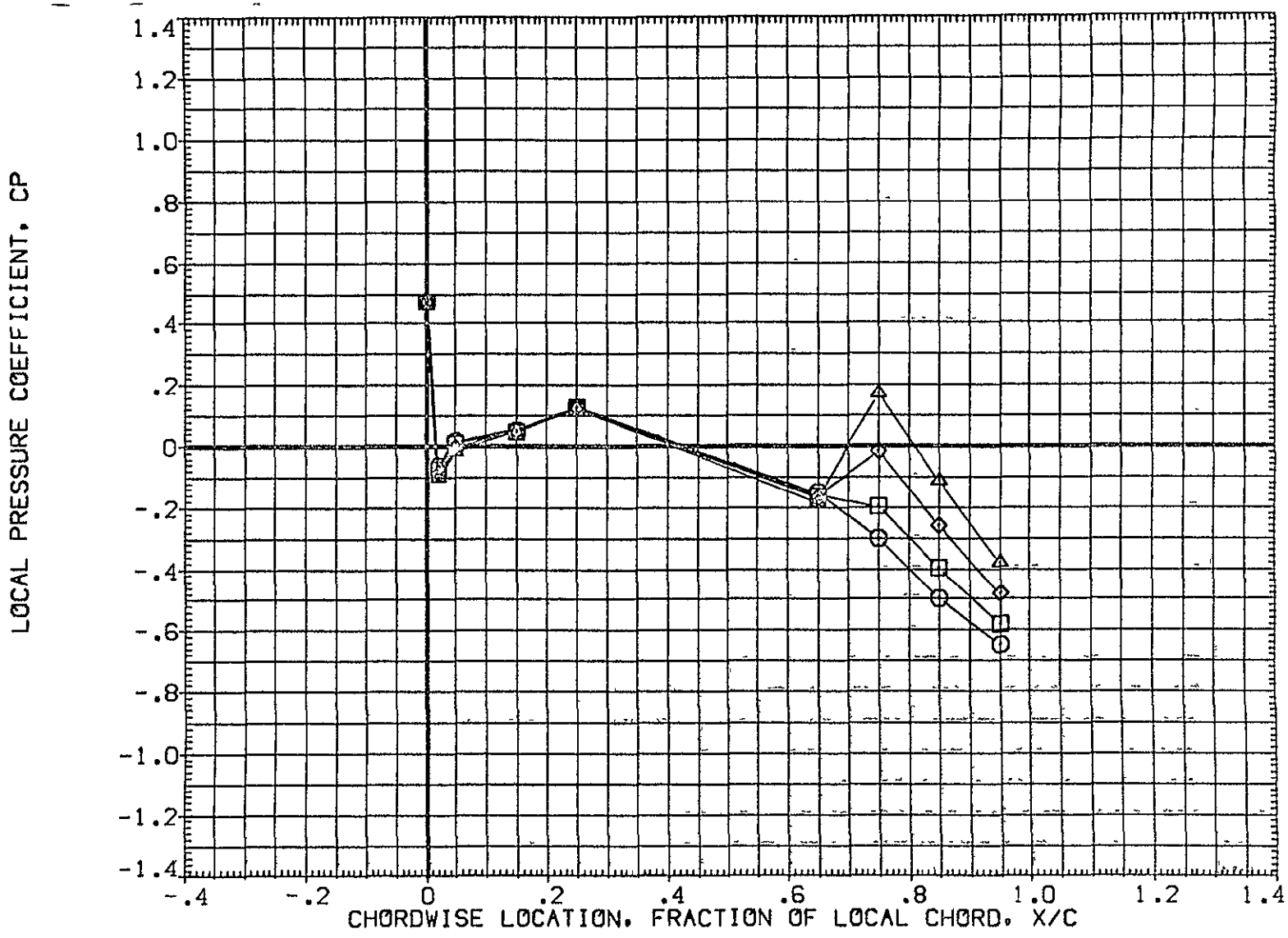

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

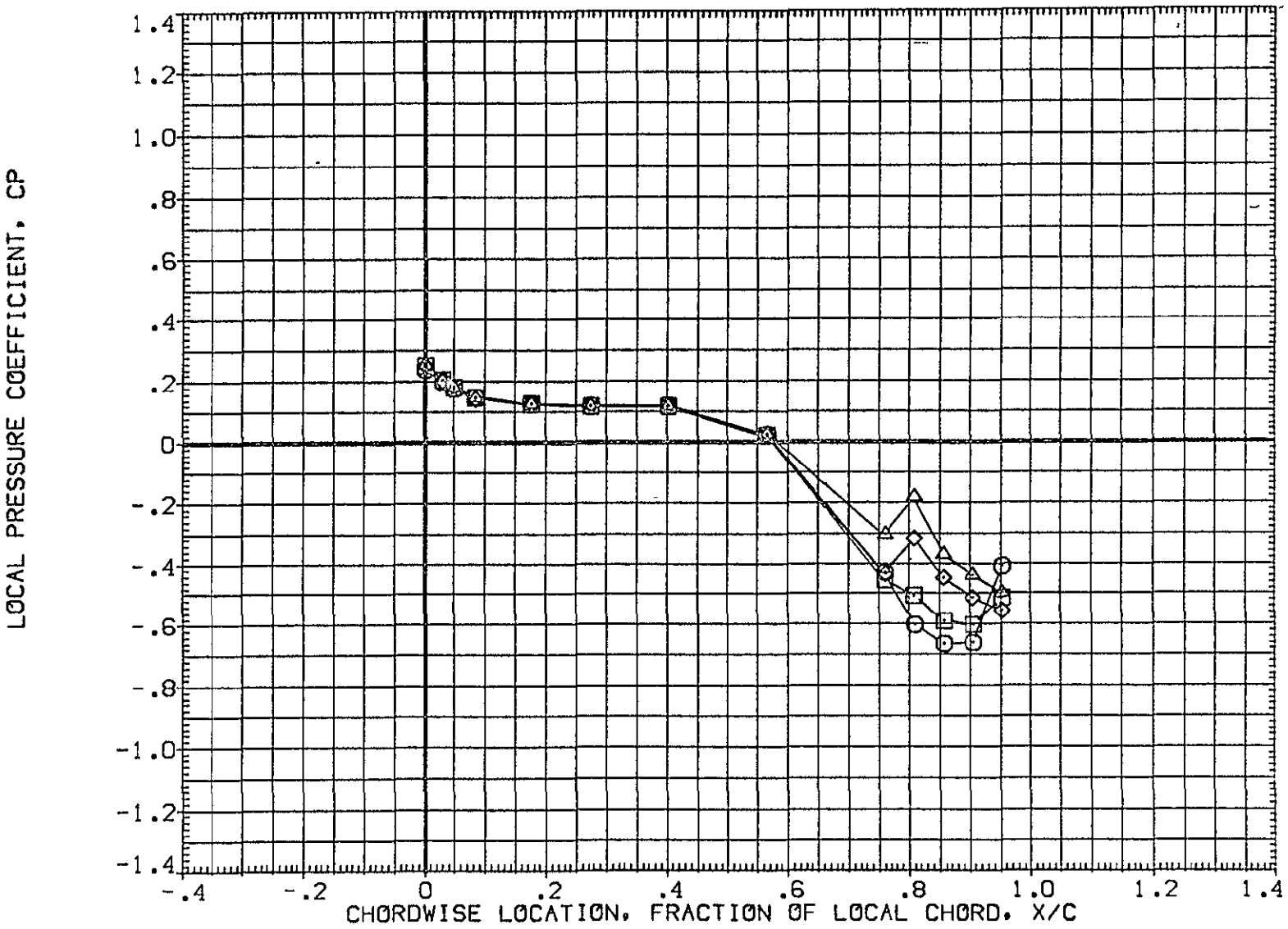

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH . = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

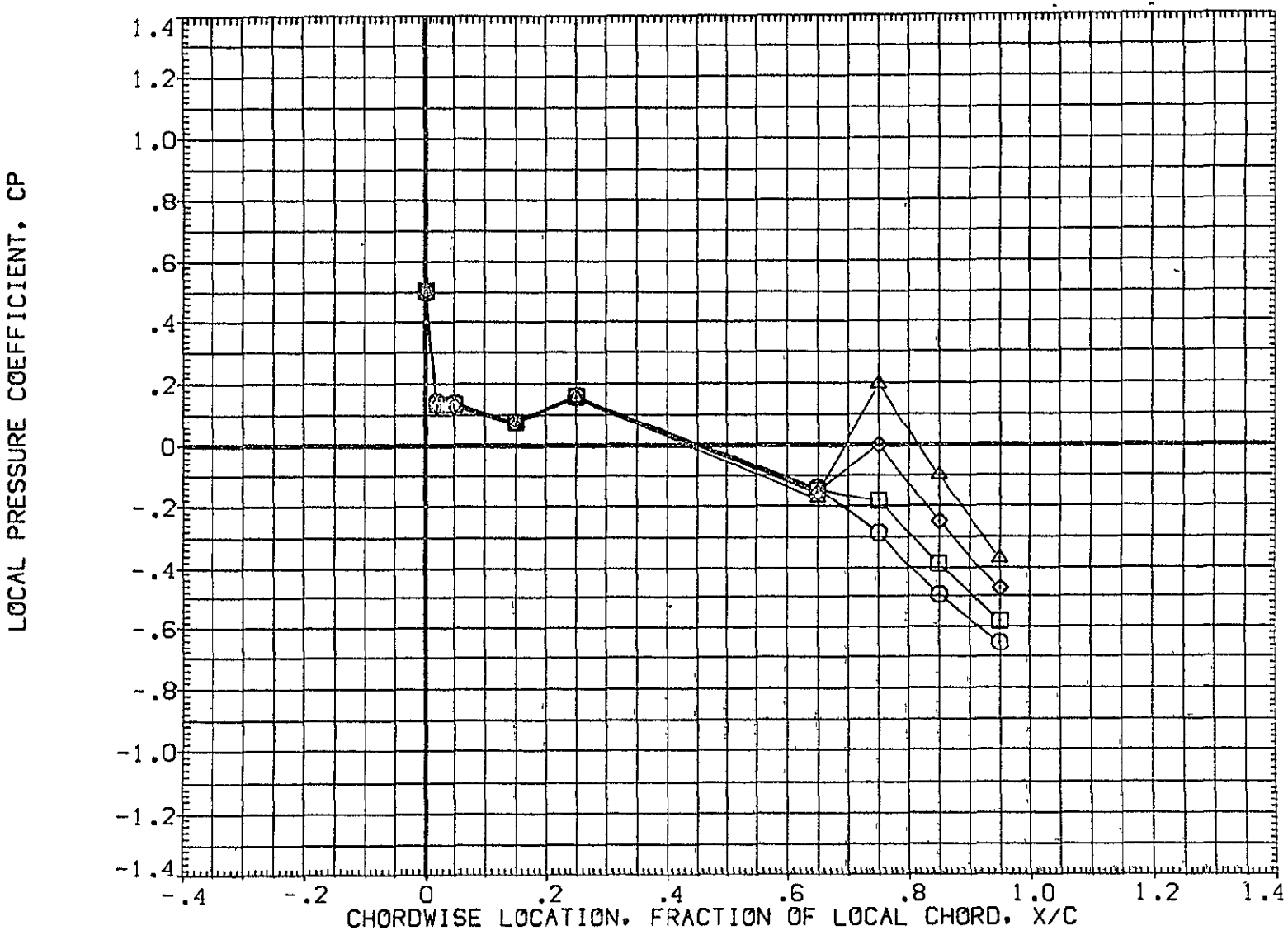

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

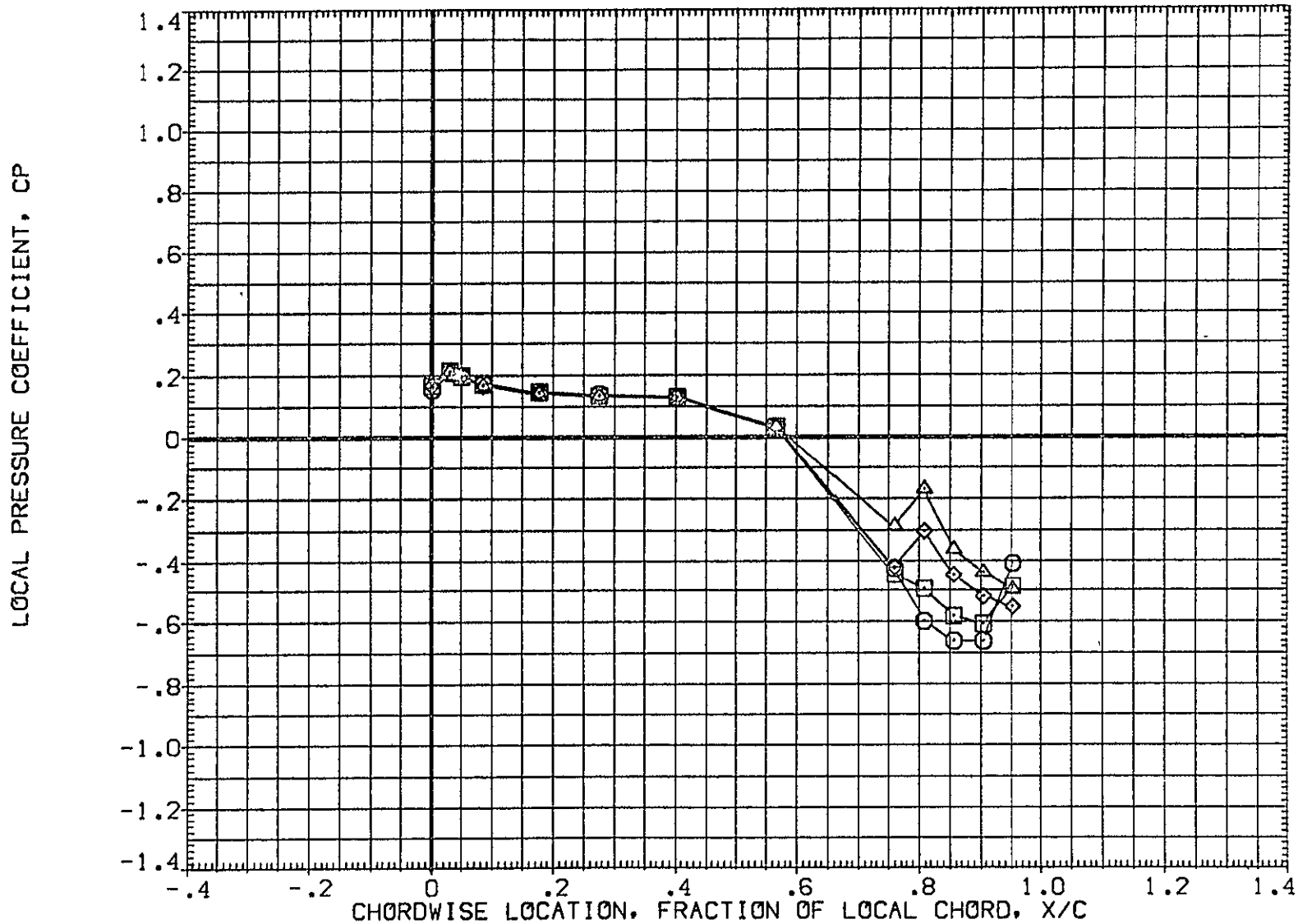

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

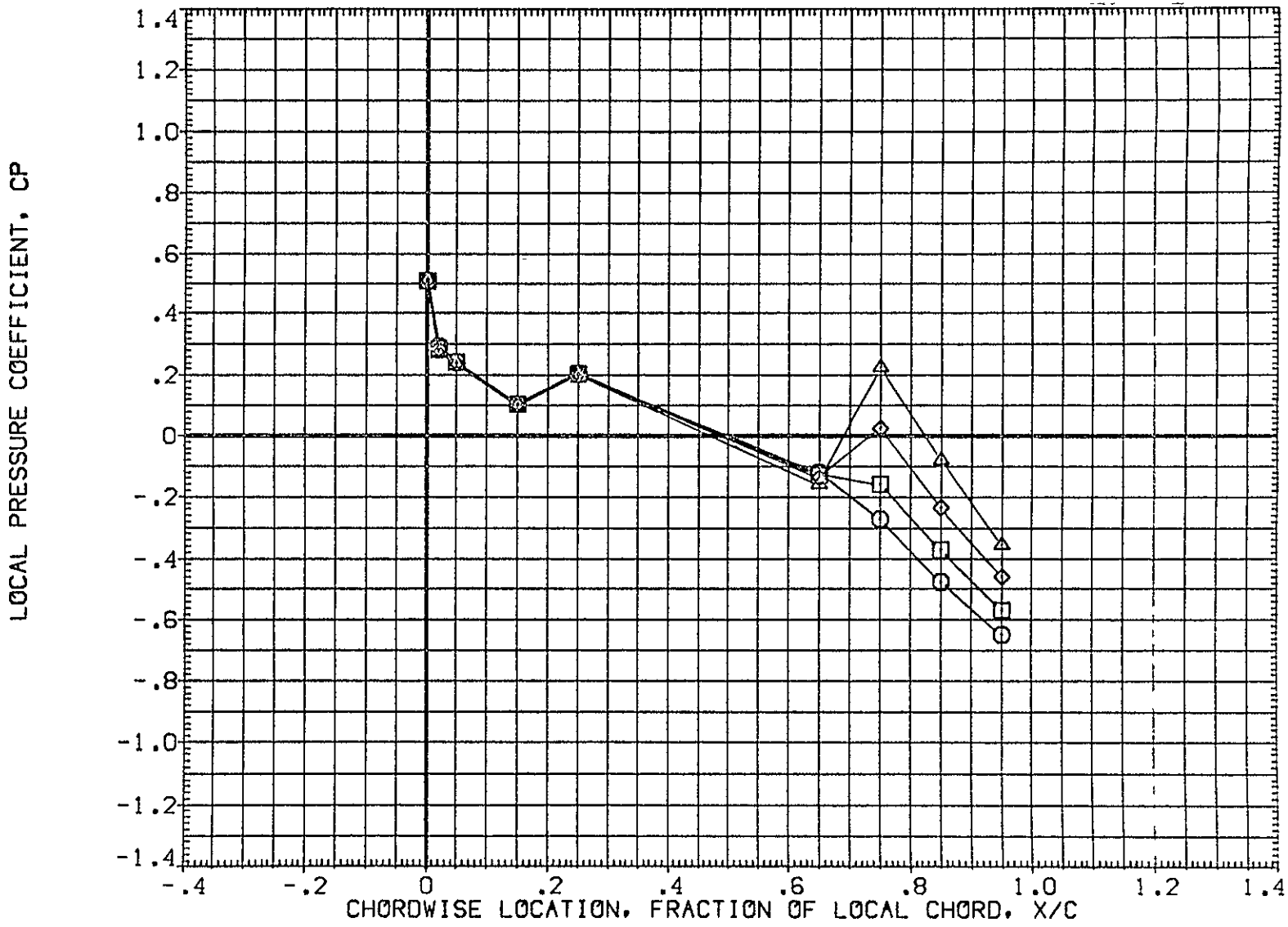

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

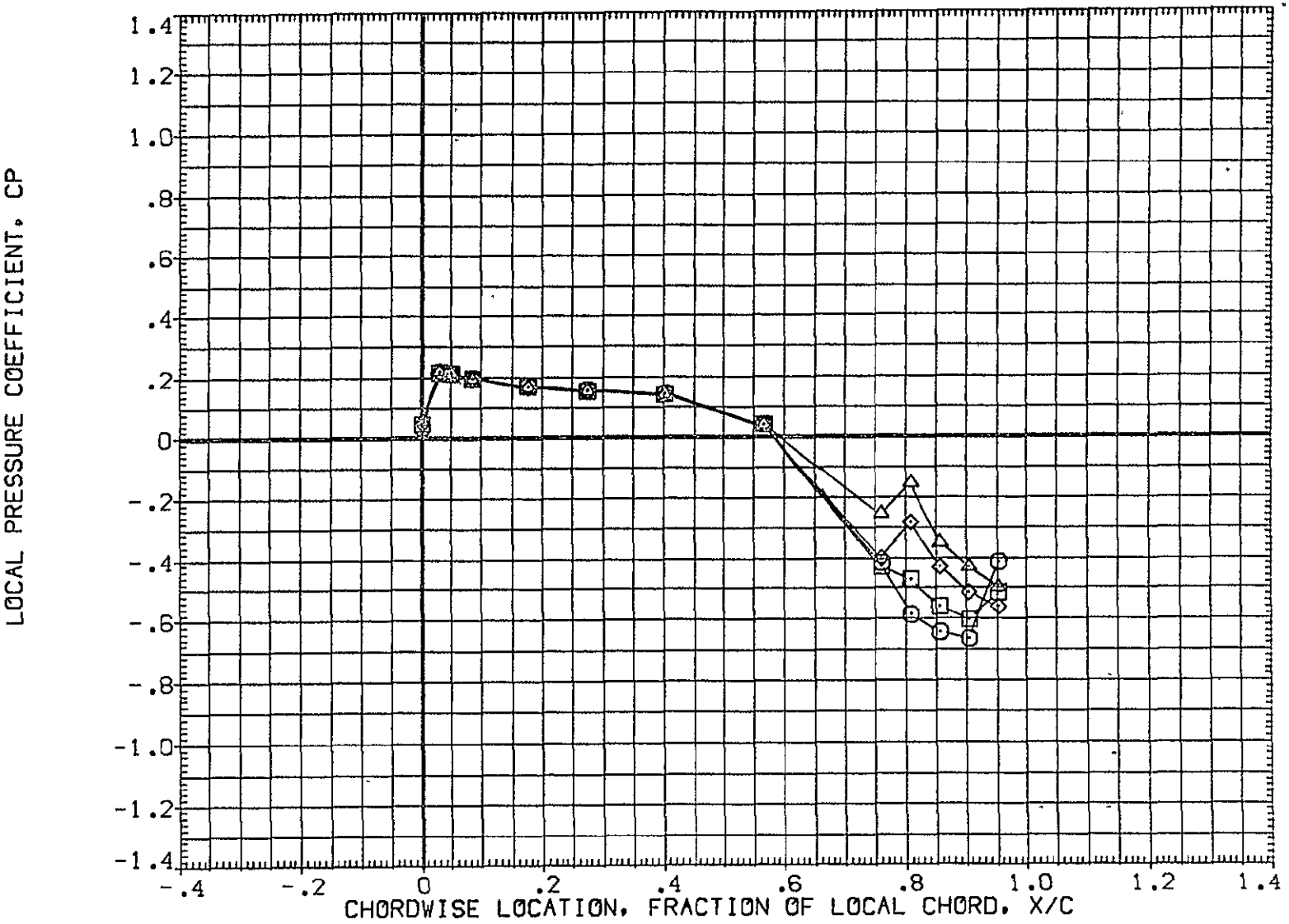

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

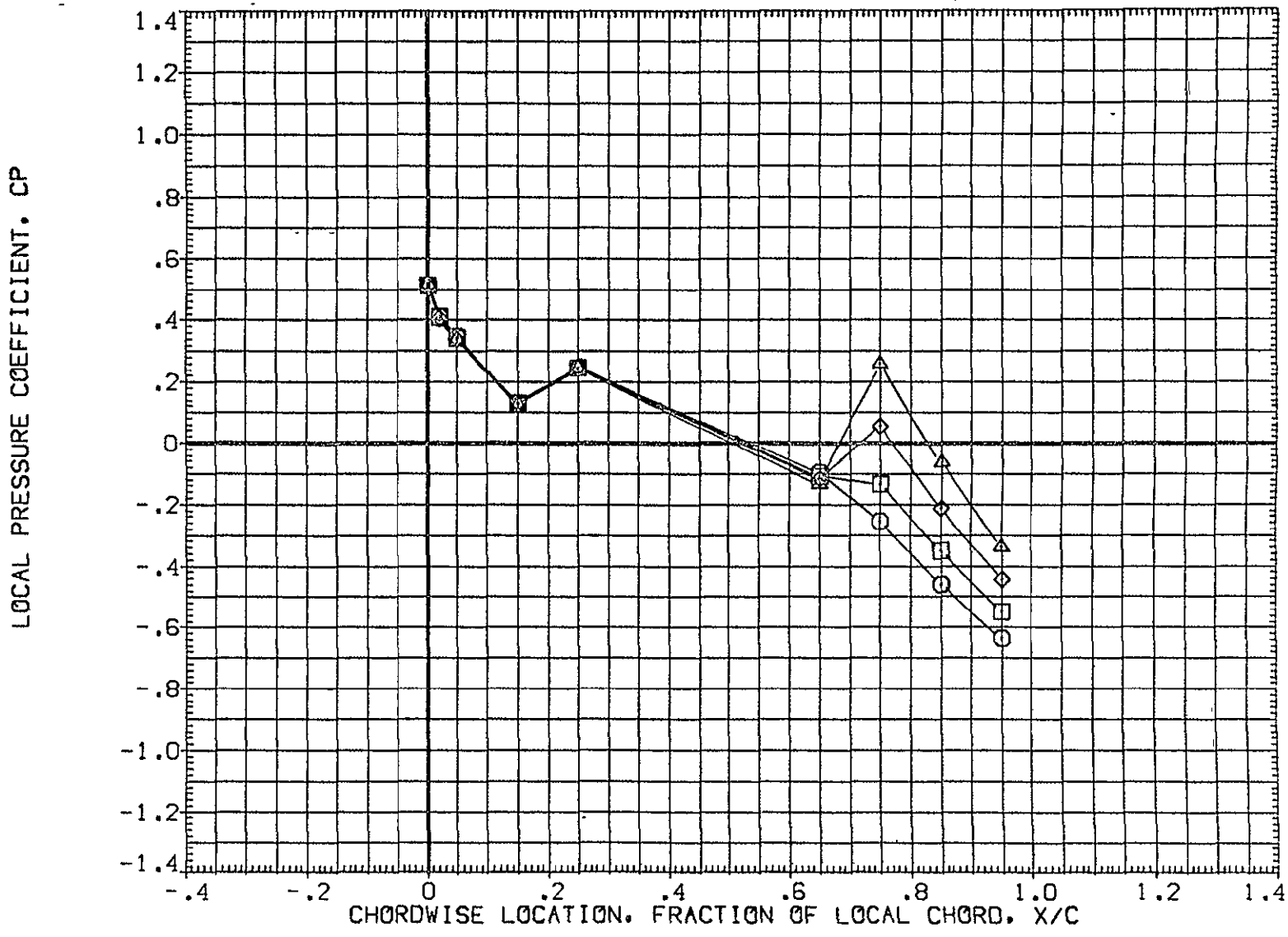

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

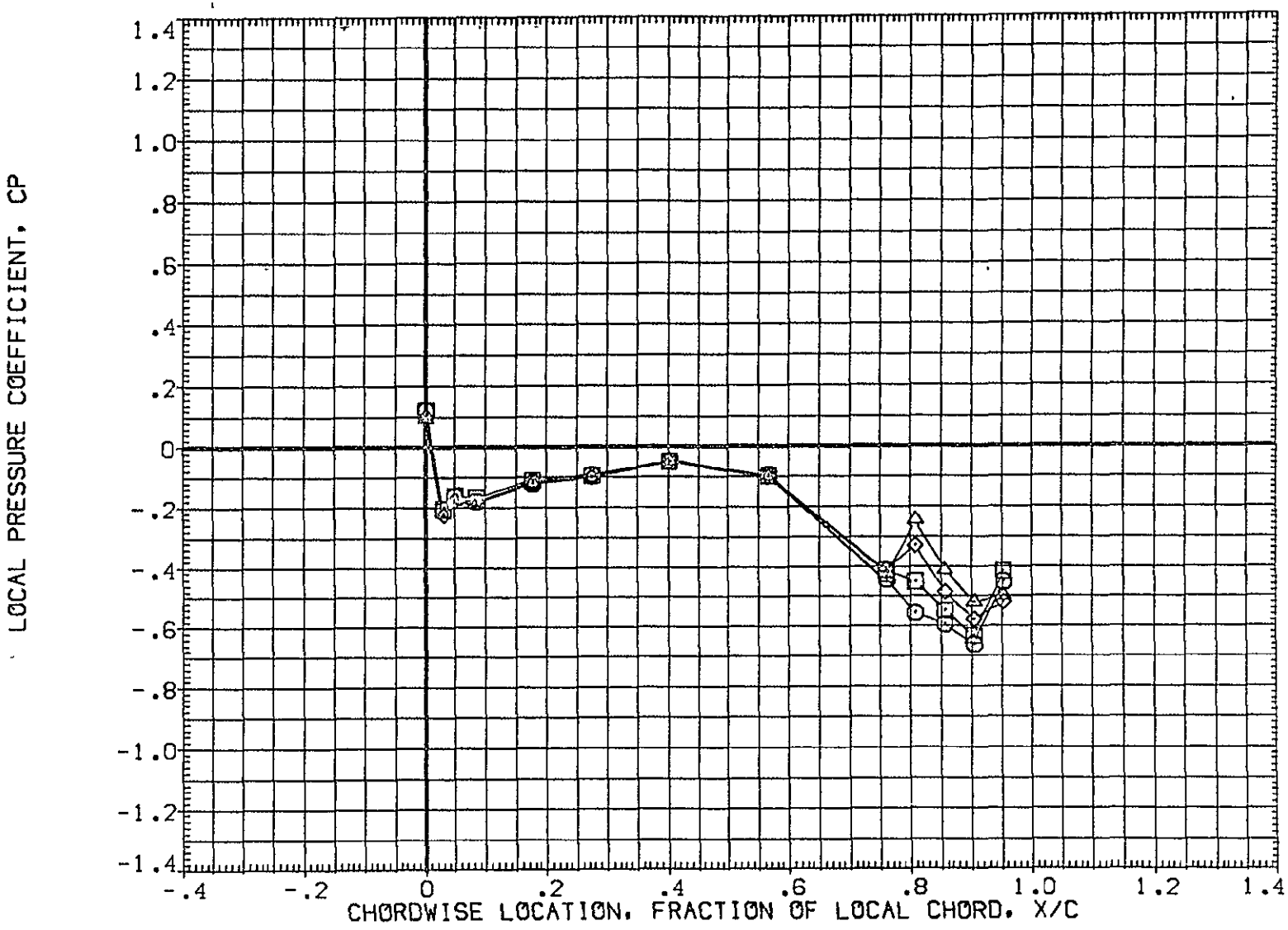

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

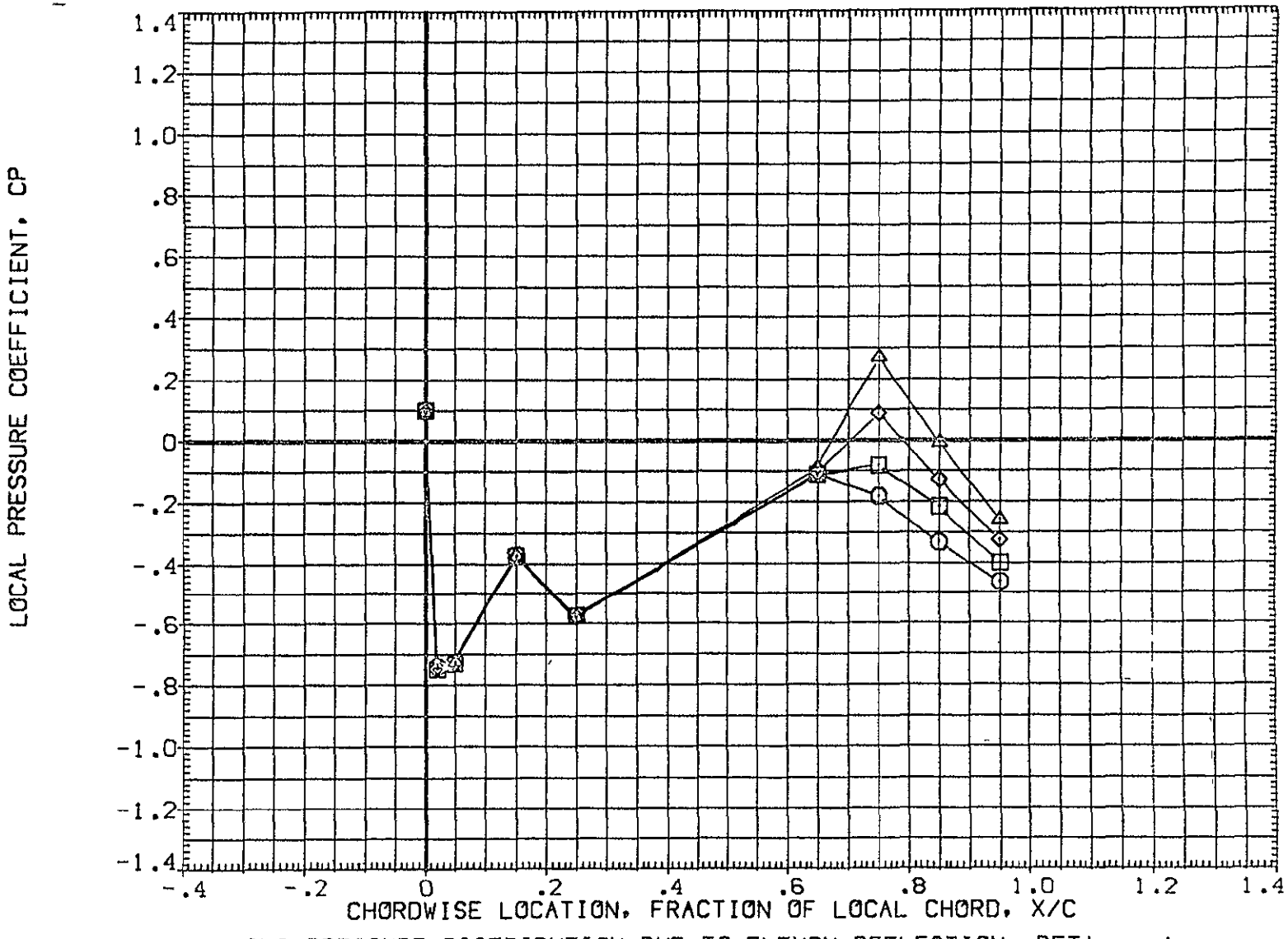

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⊠	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

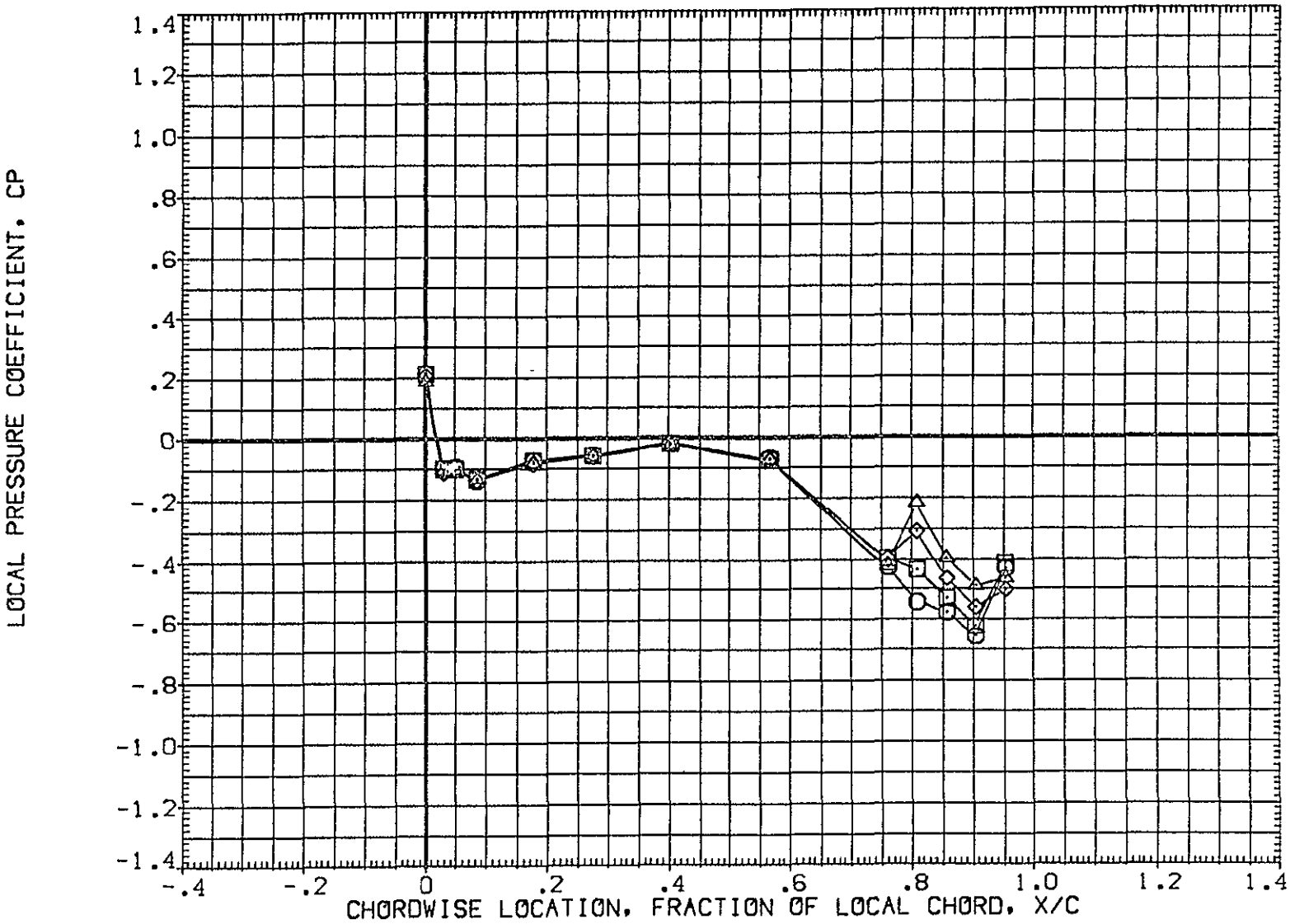

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

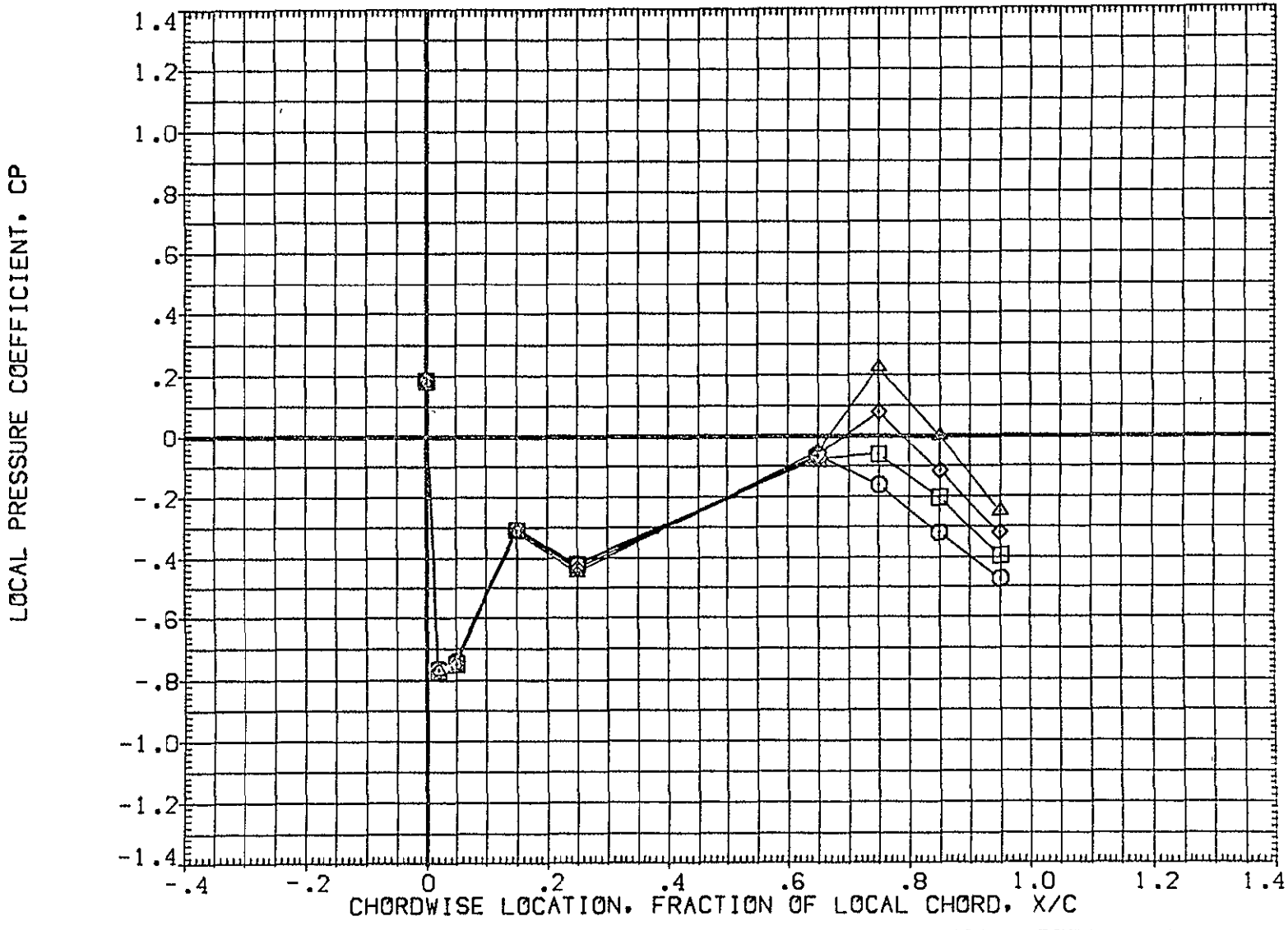

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

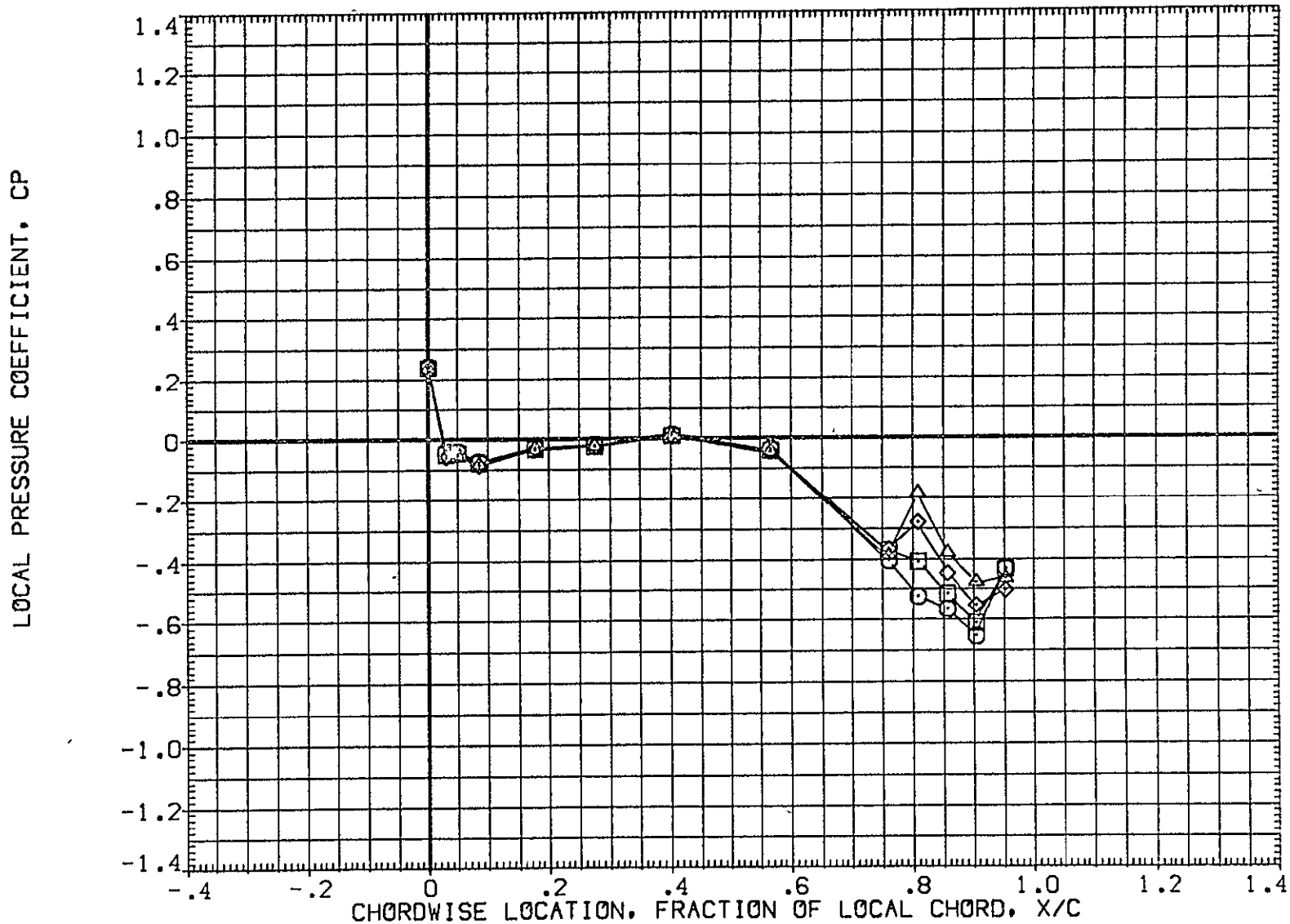

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

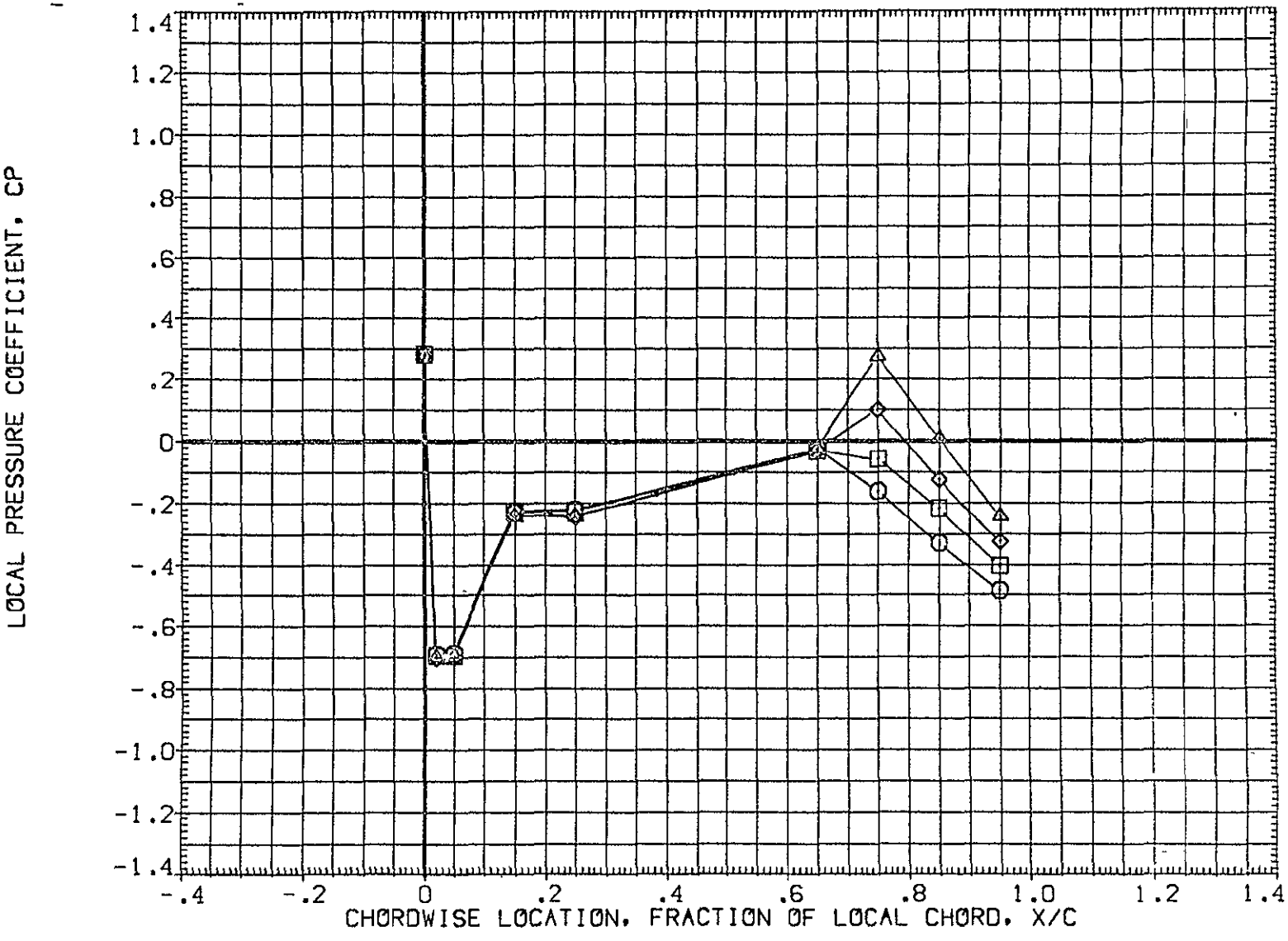

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

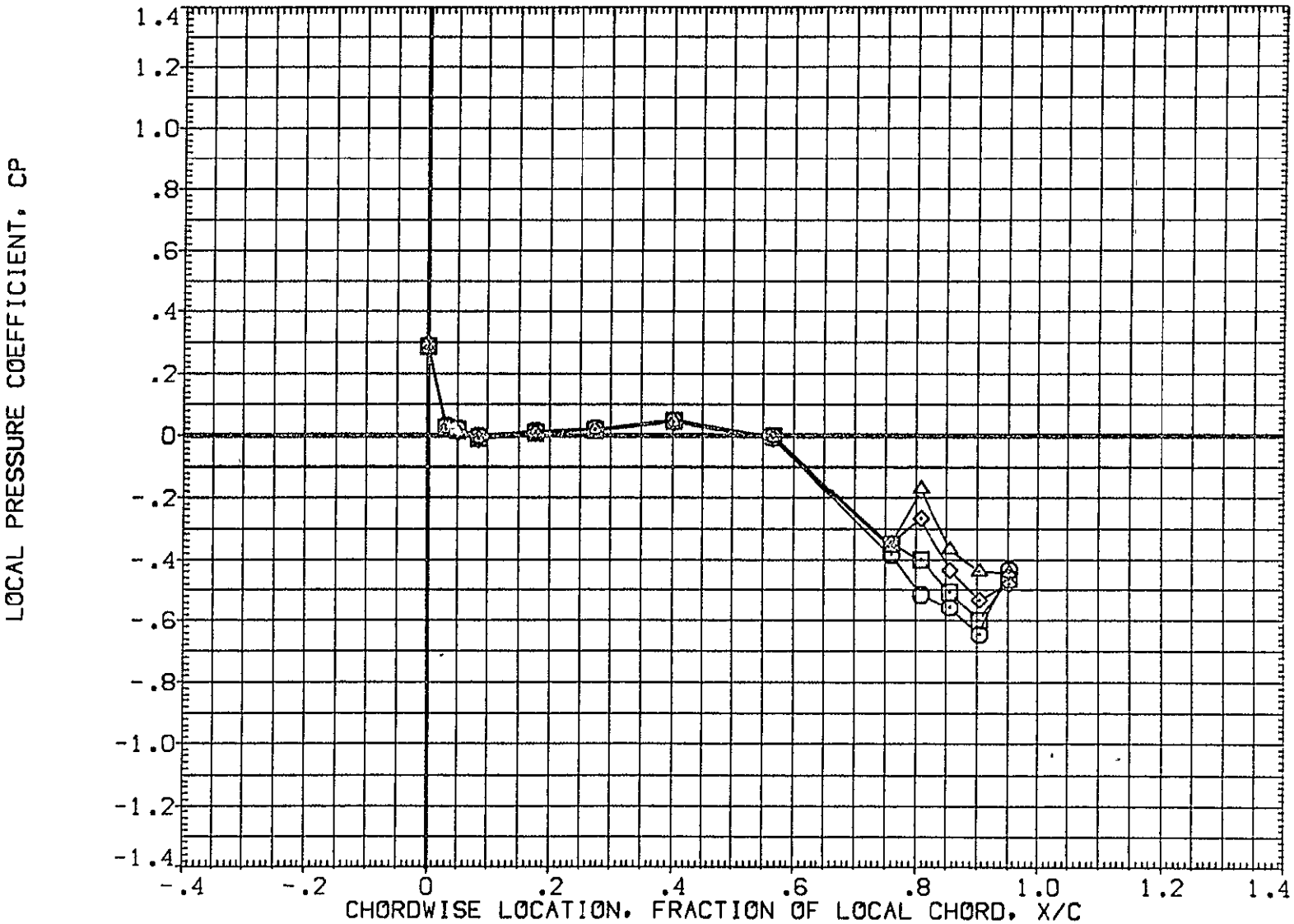

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

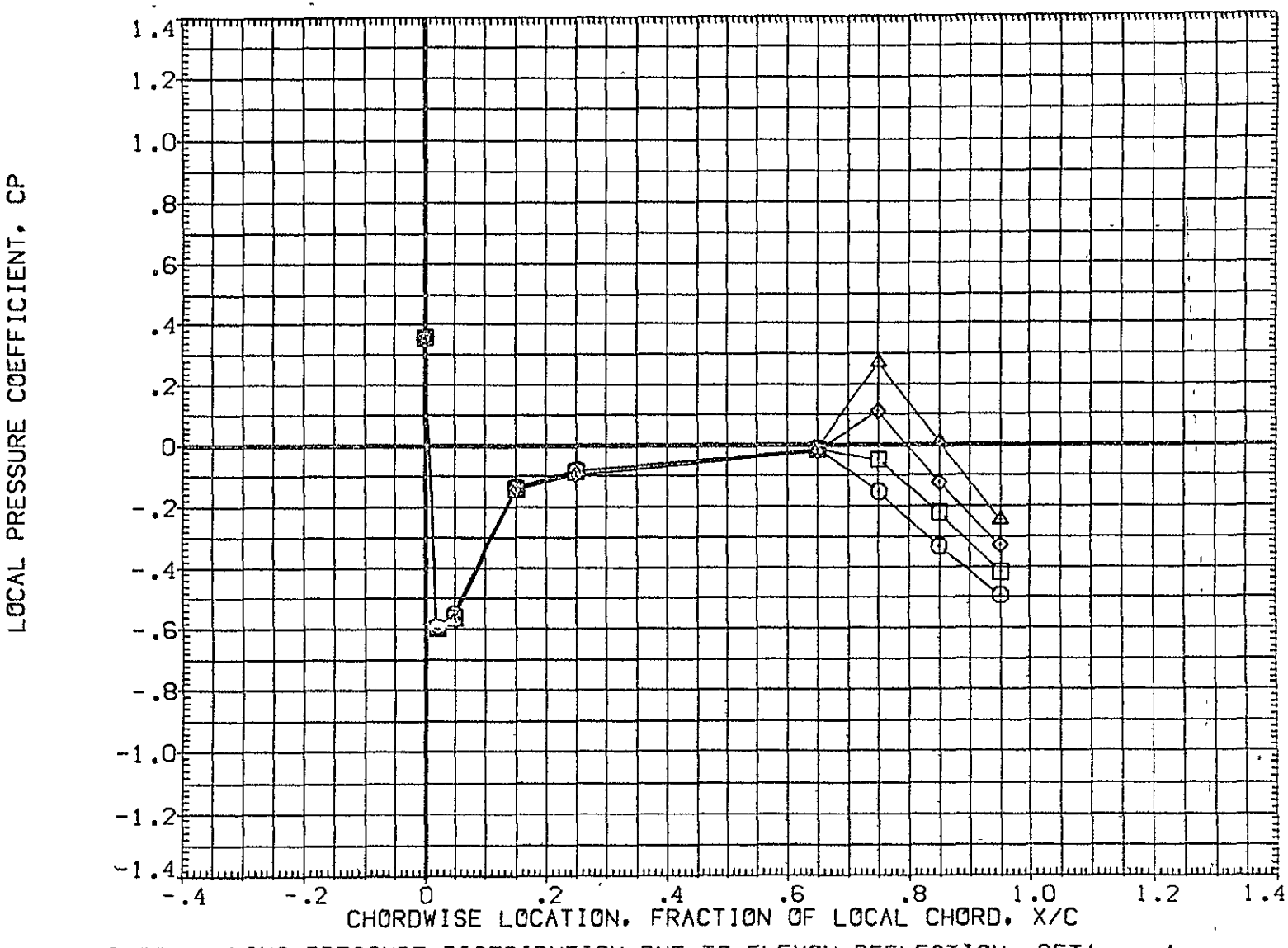

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⋈	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

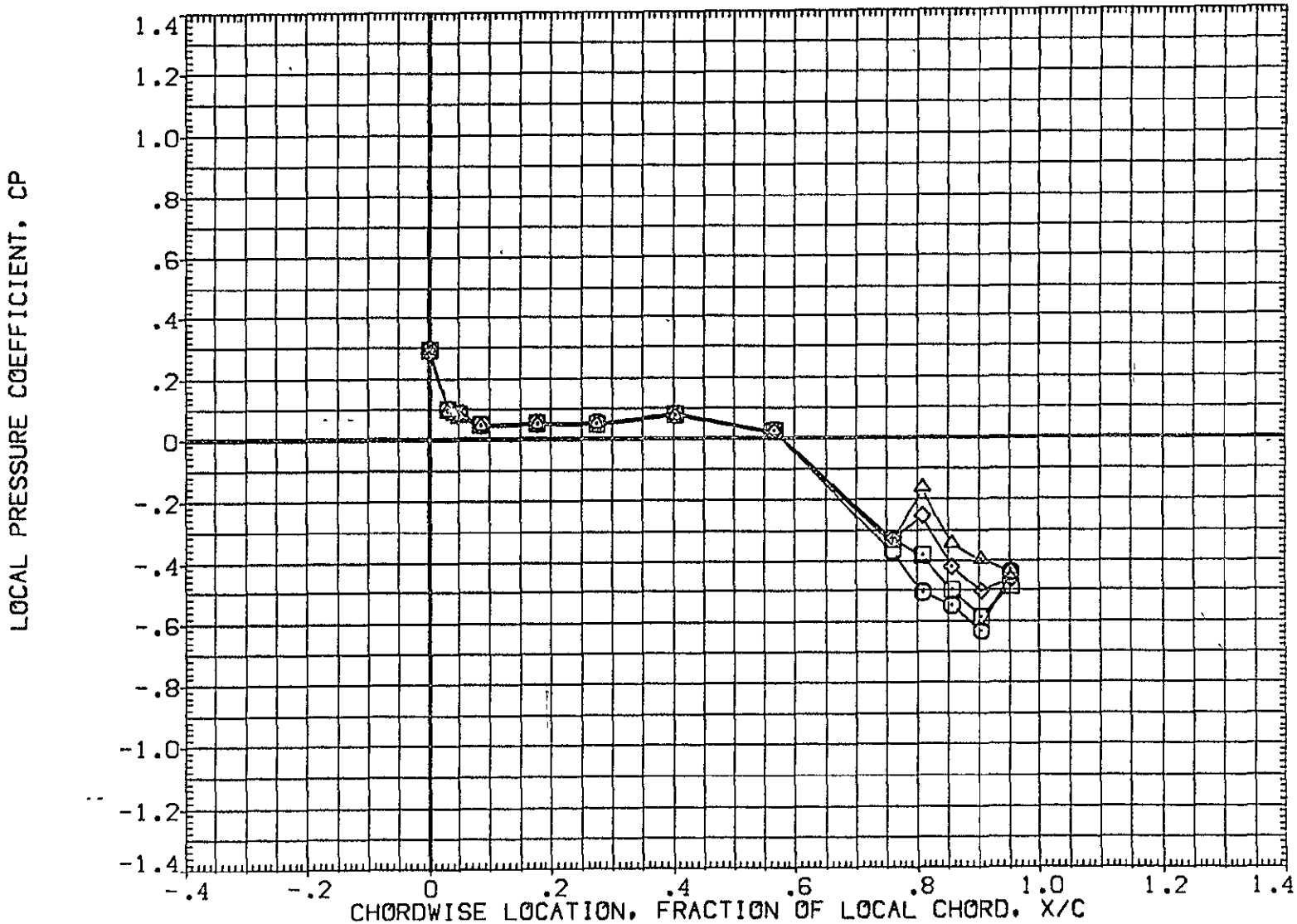

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

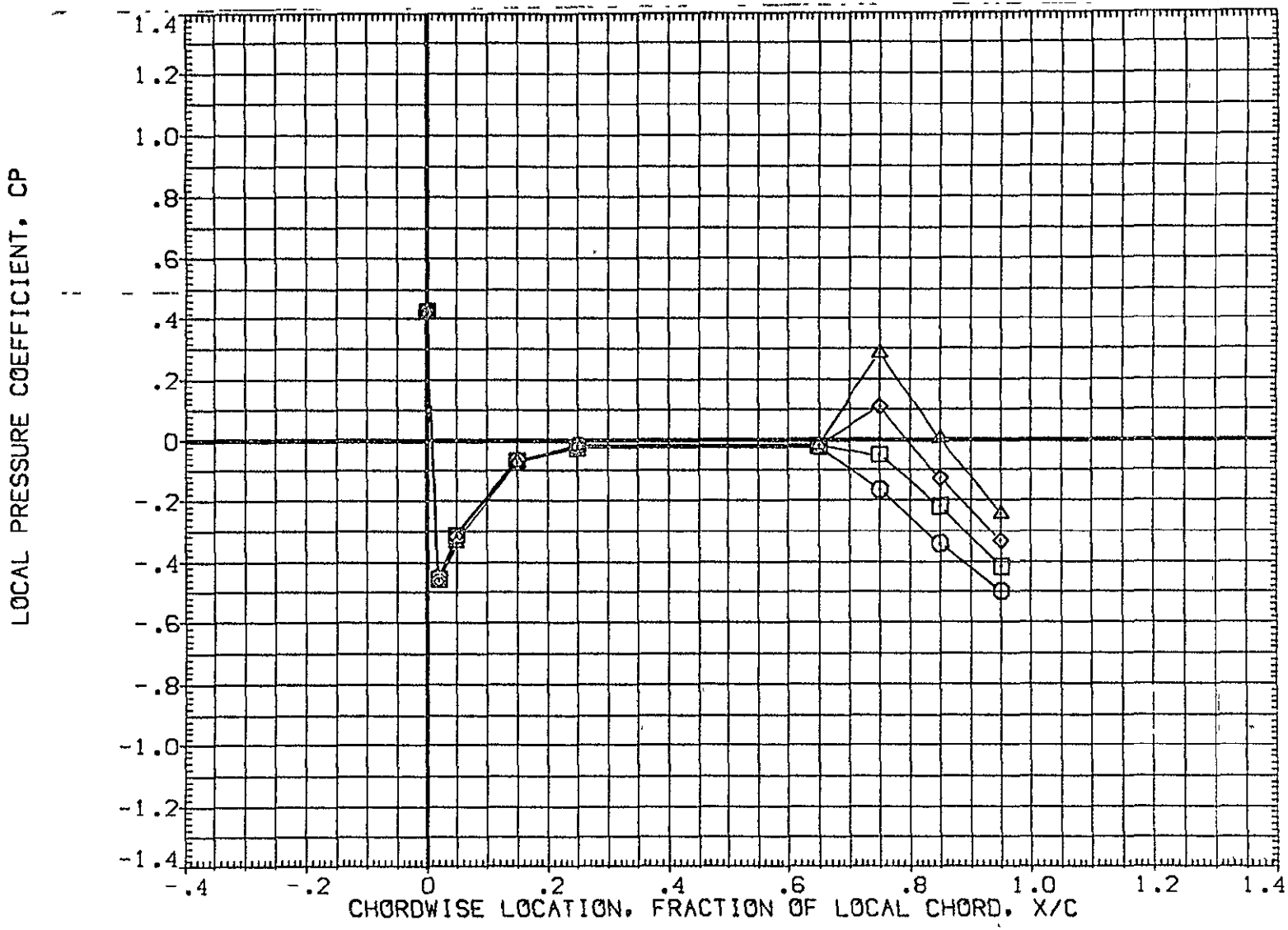

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⋈	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

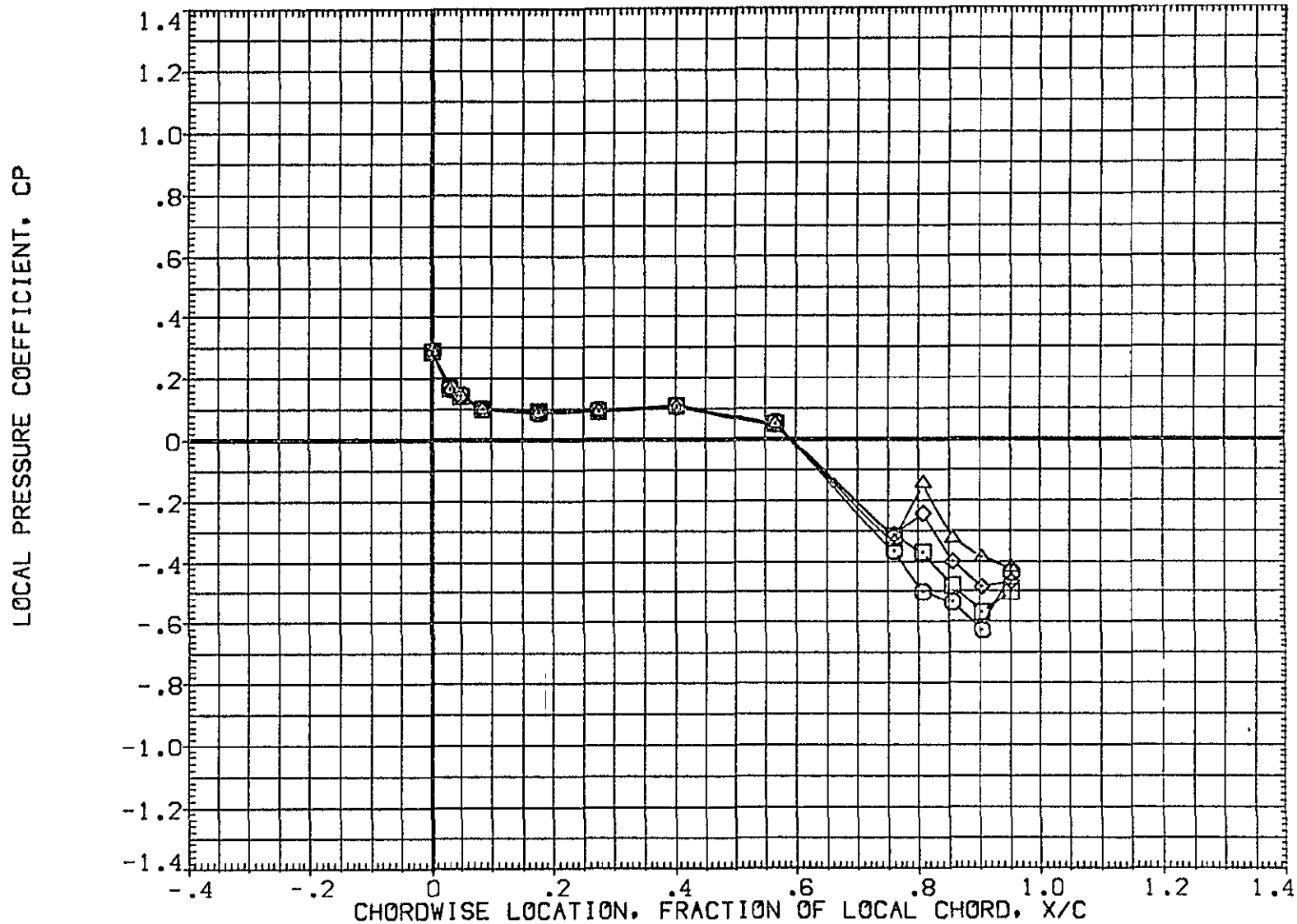

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

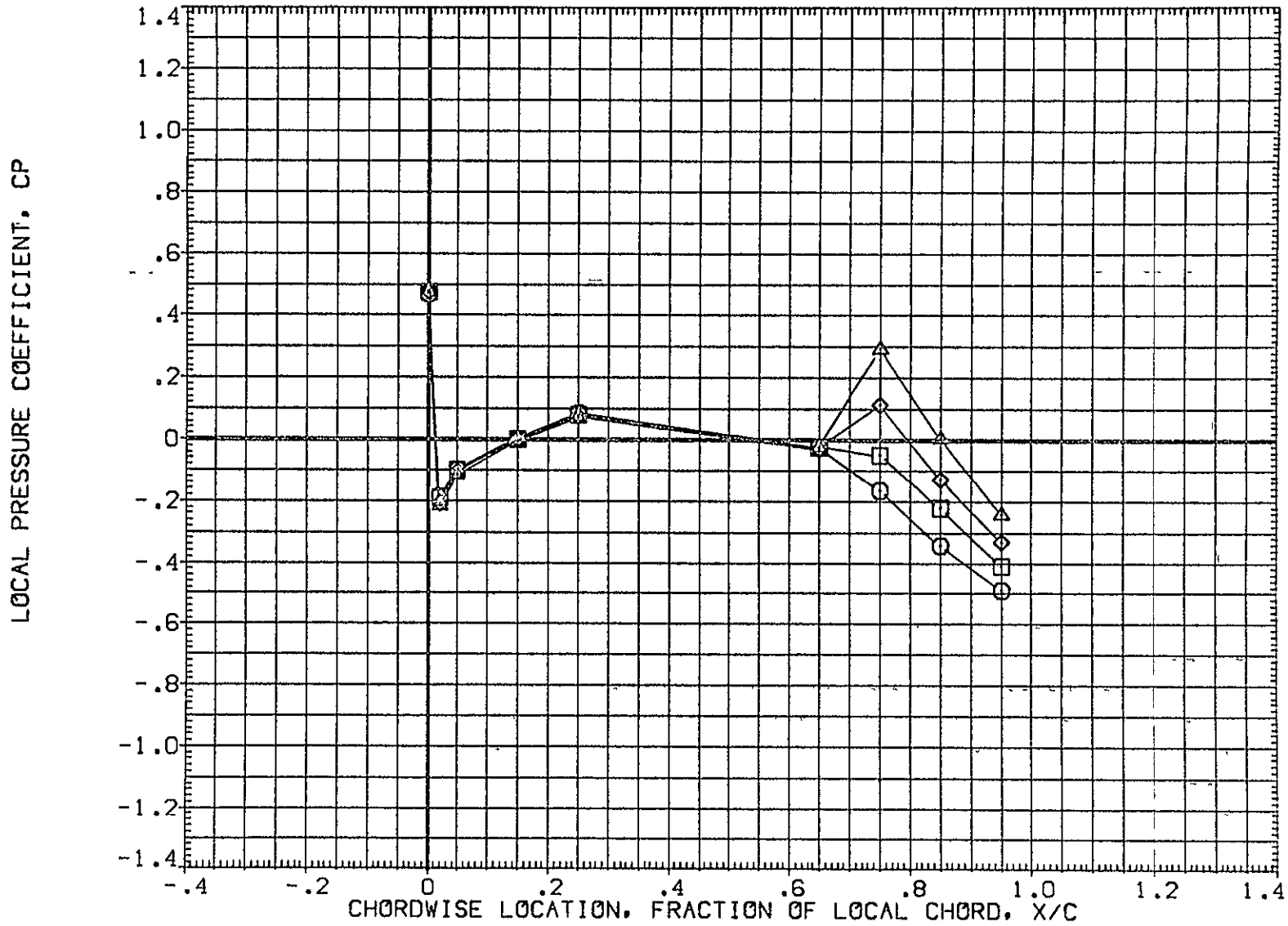

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

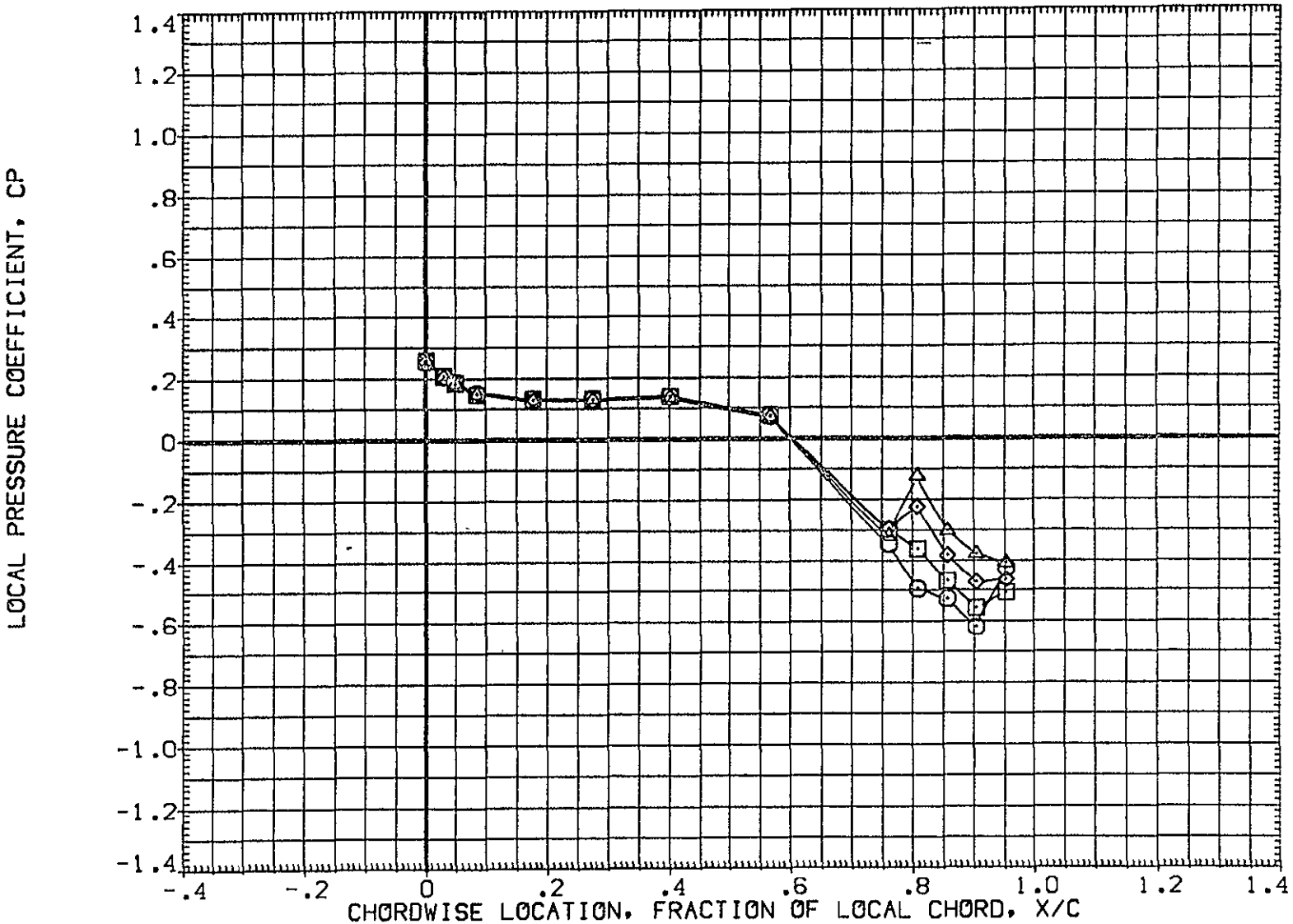

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

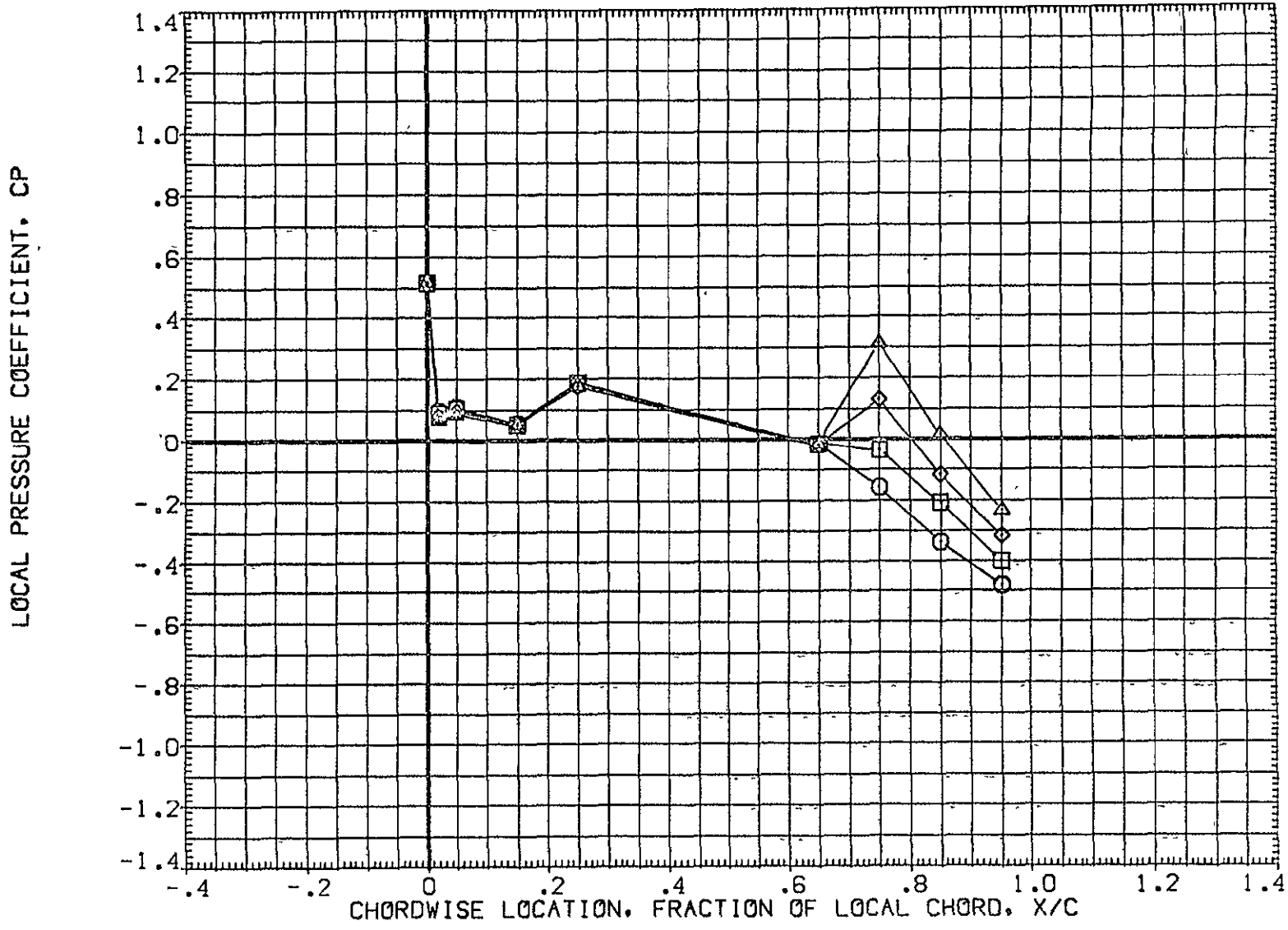

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7LS1)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

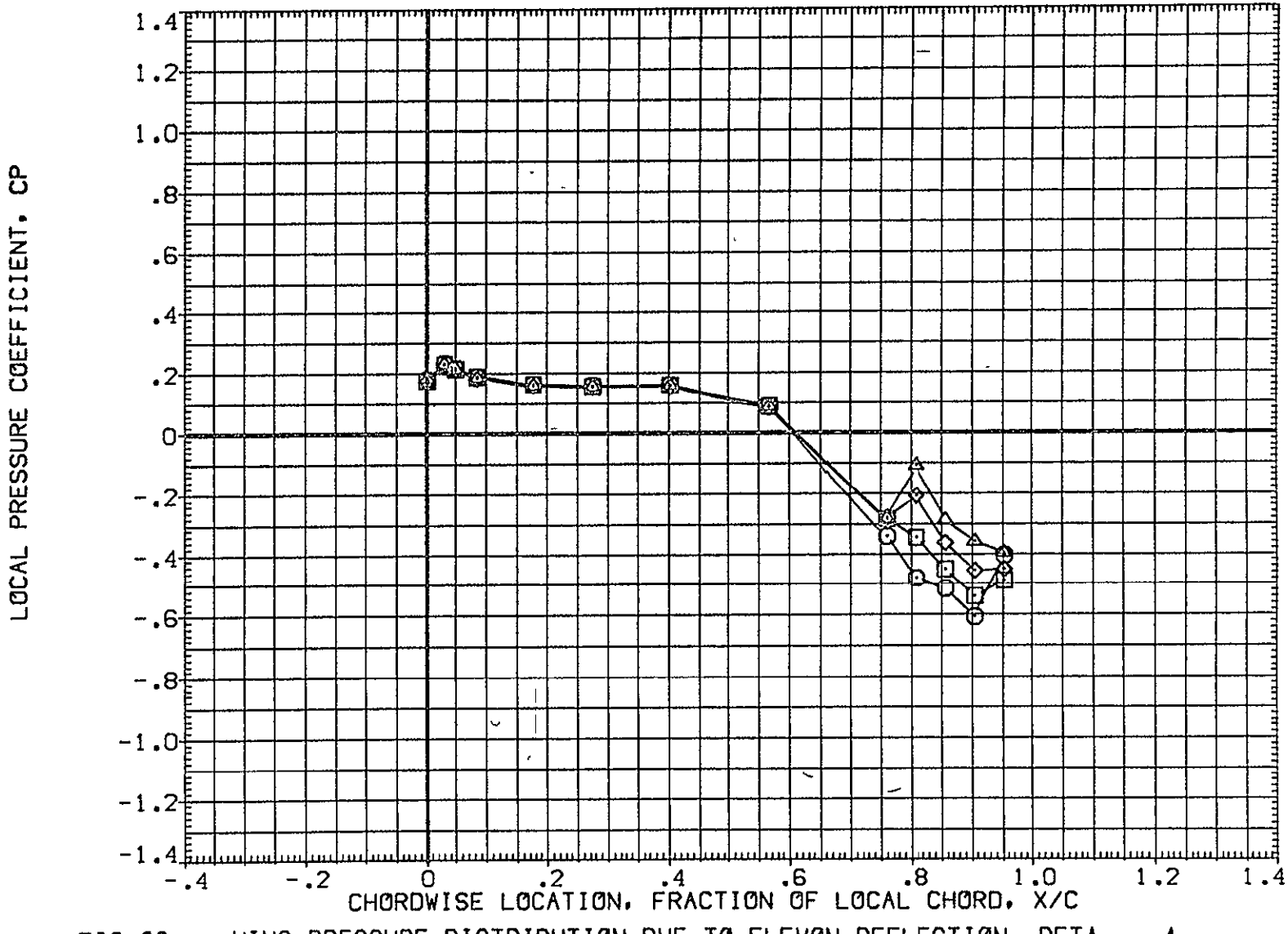

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

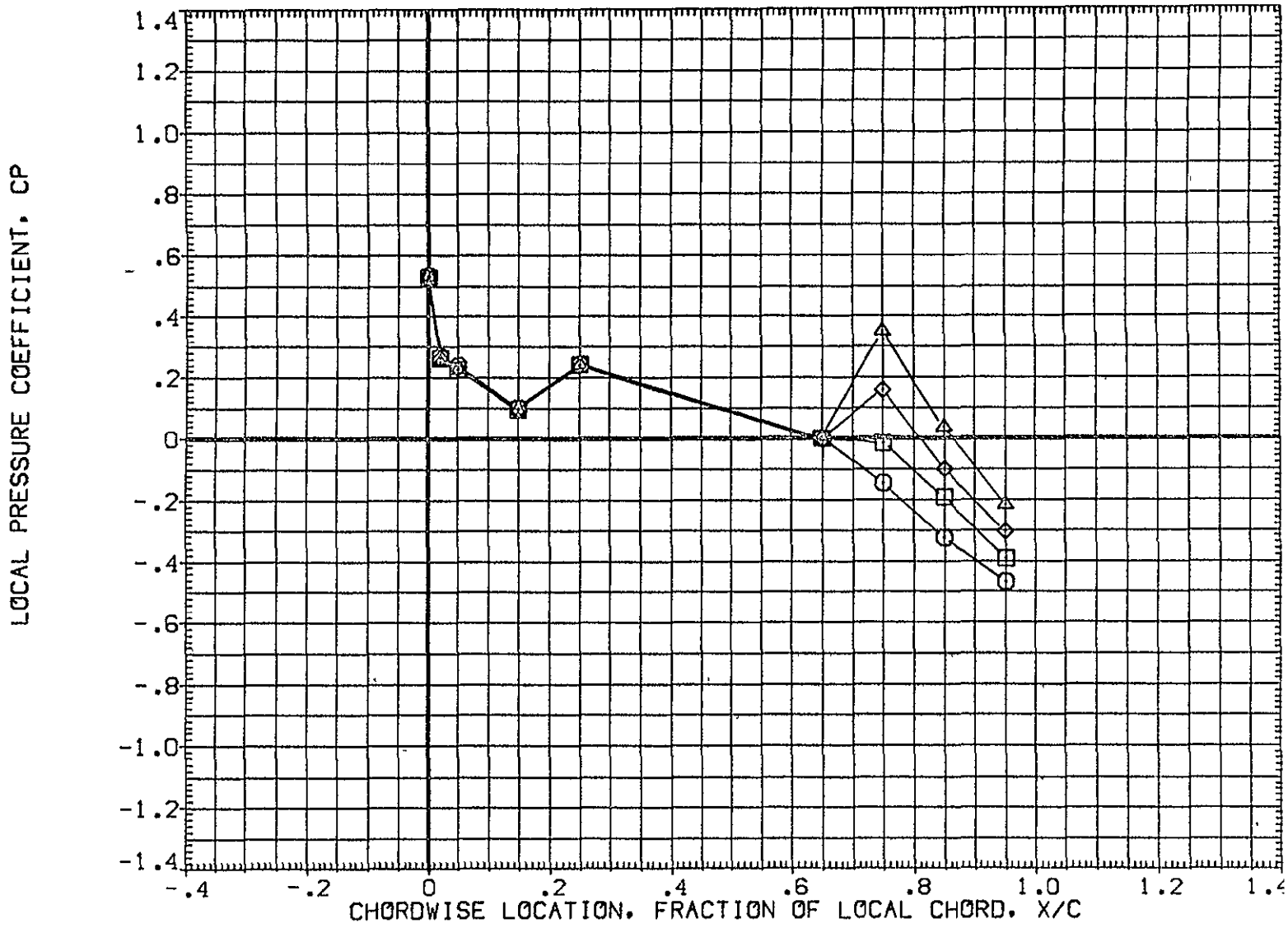

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

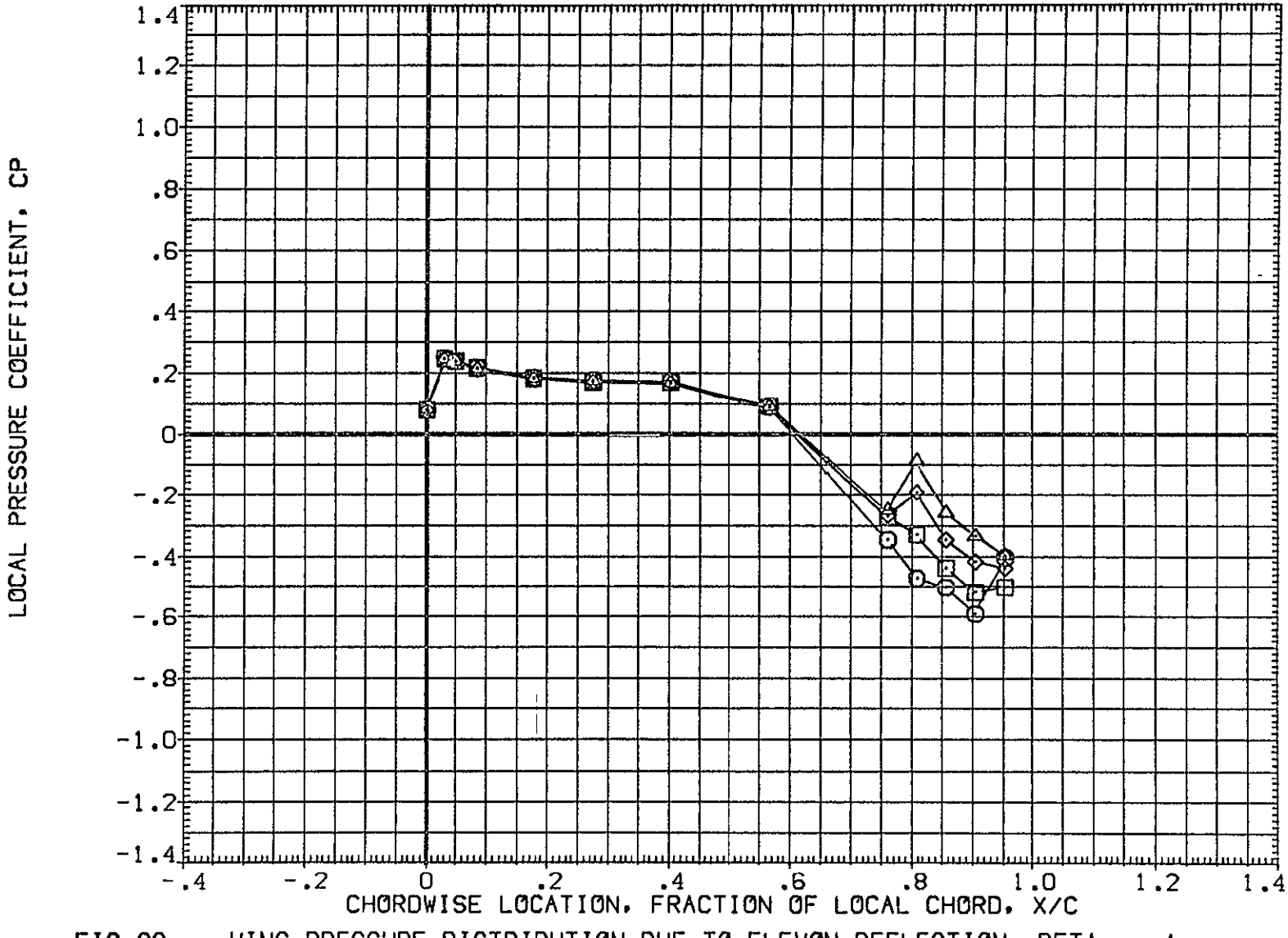

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

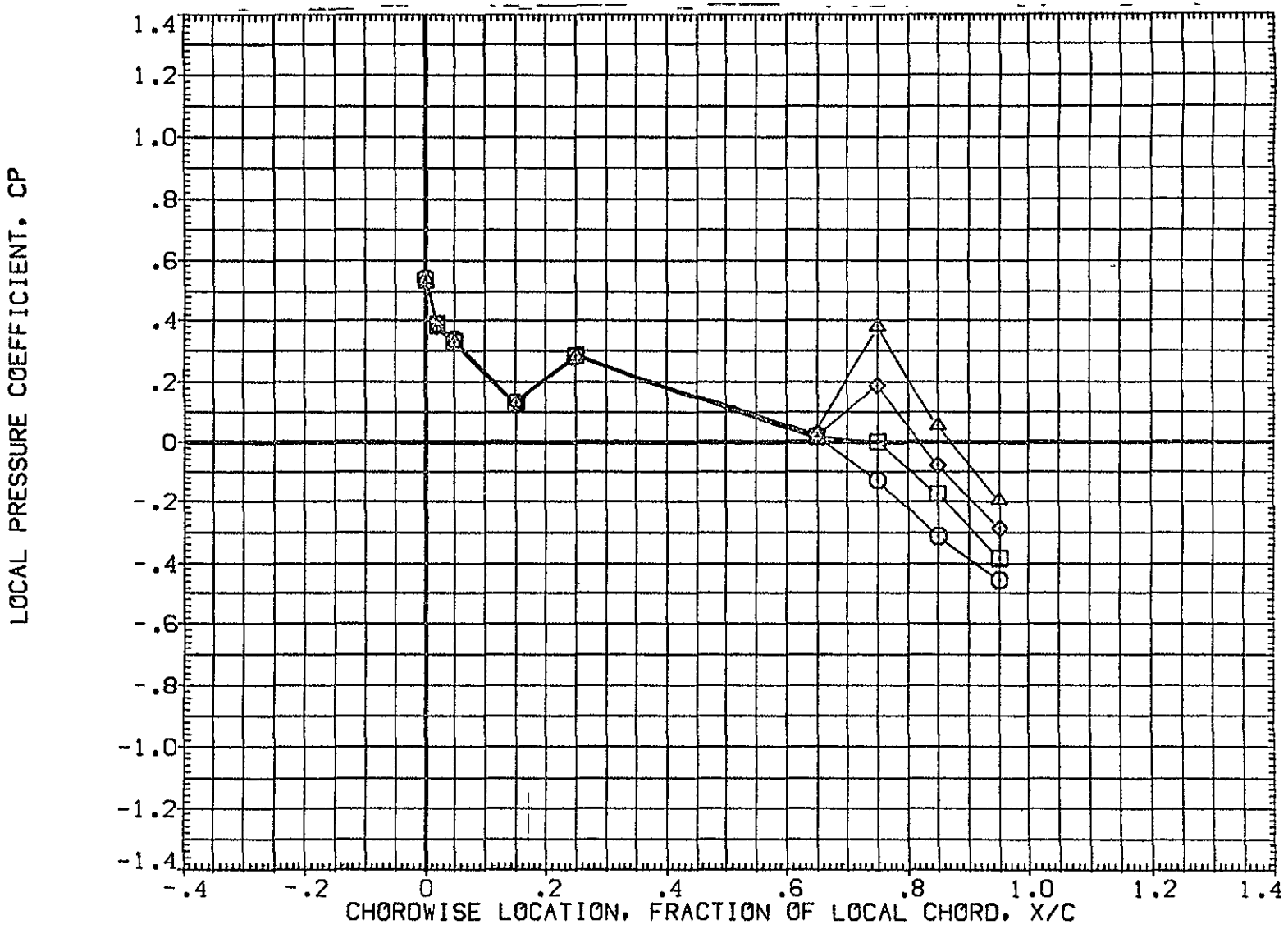

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⊠	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

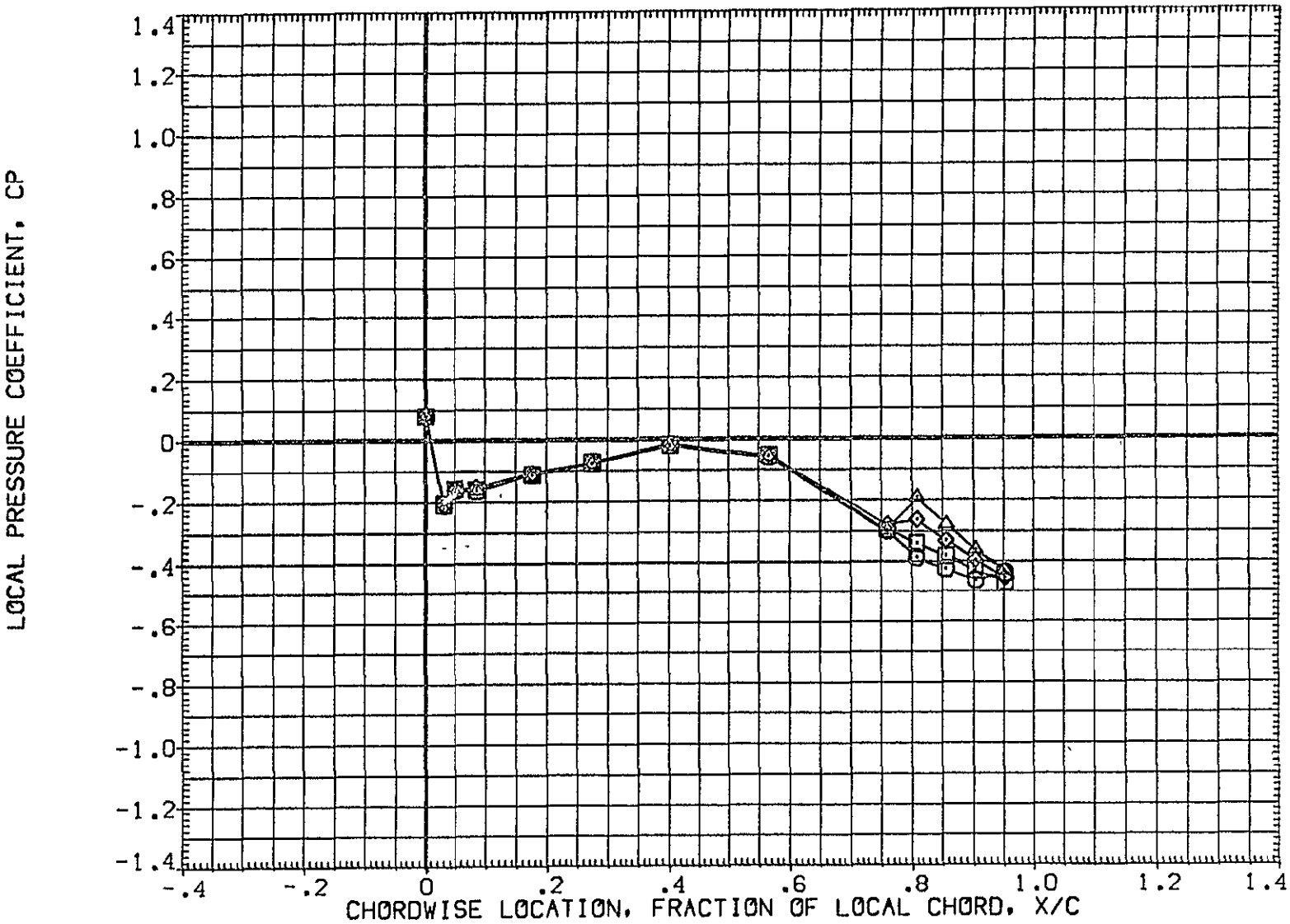

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

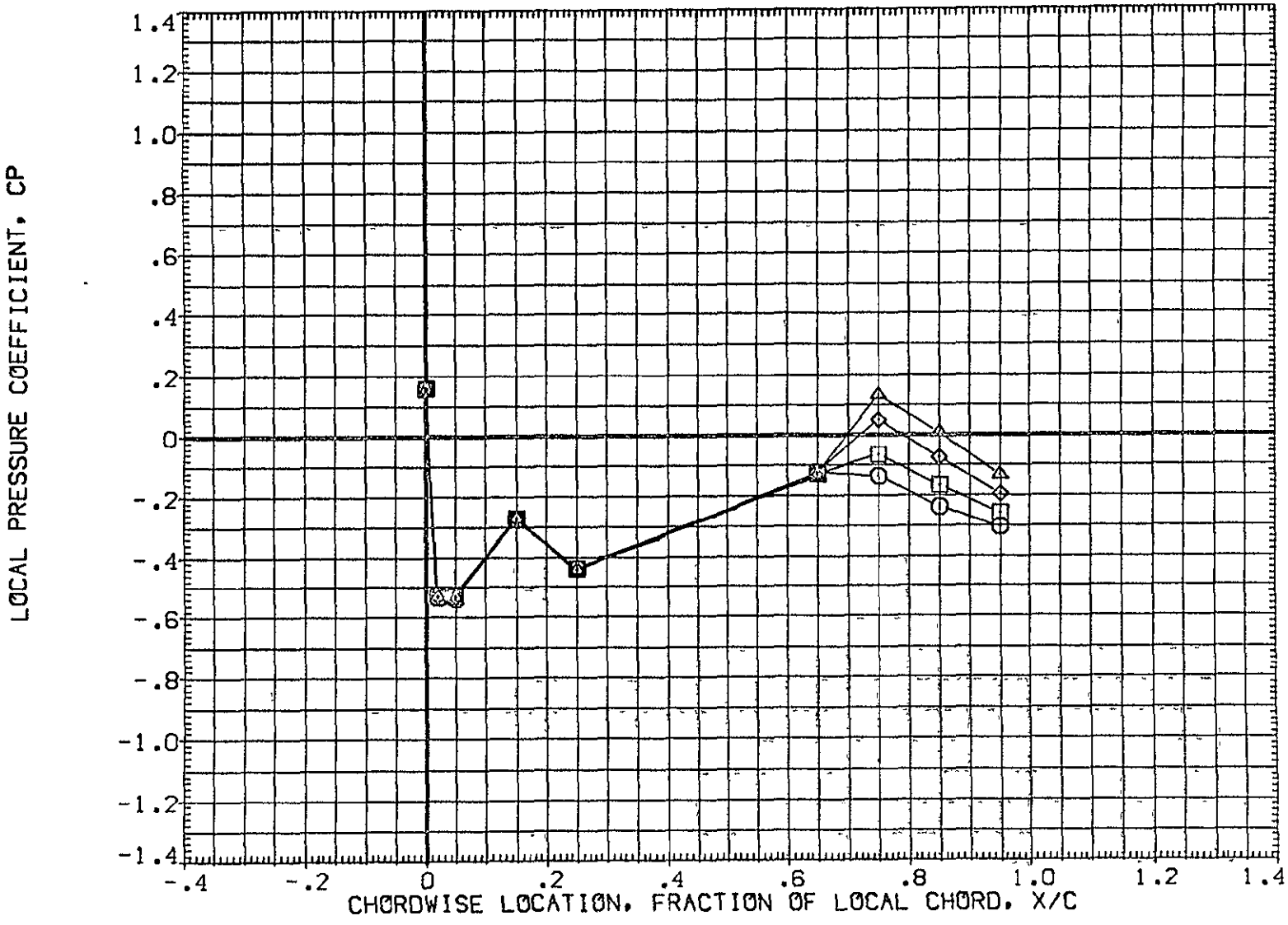

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⊠	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

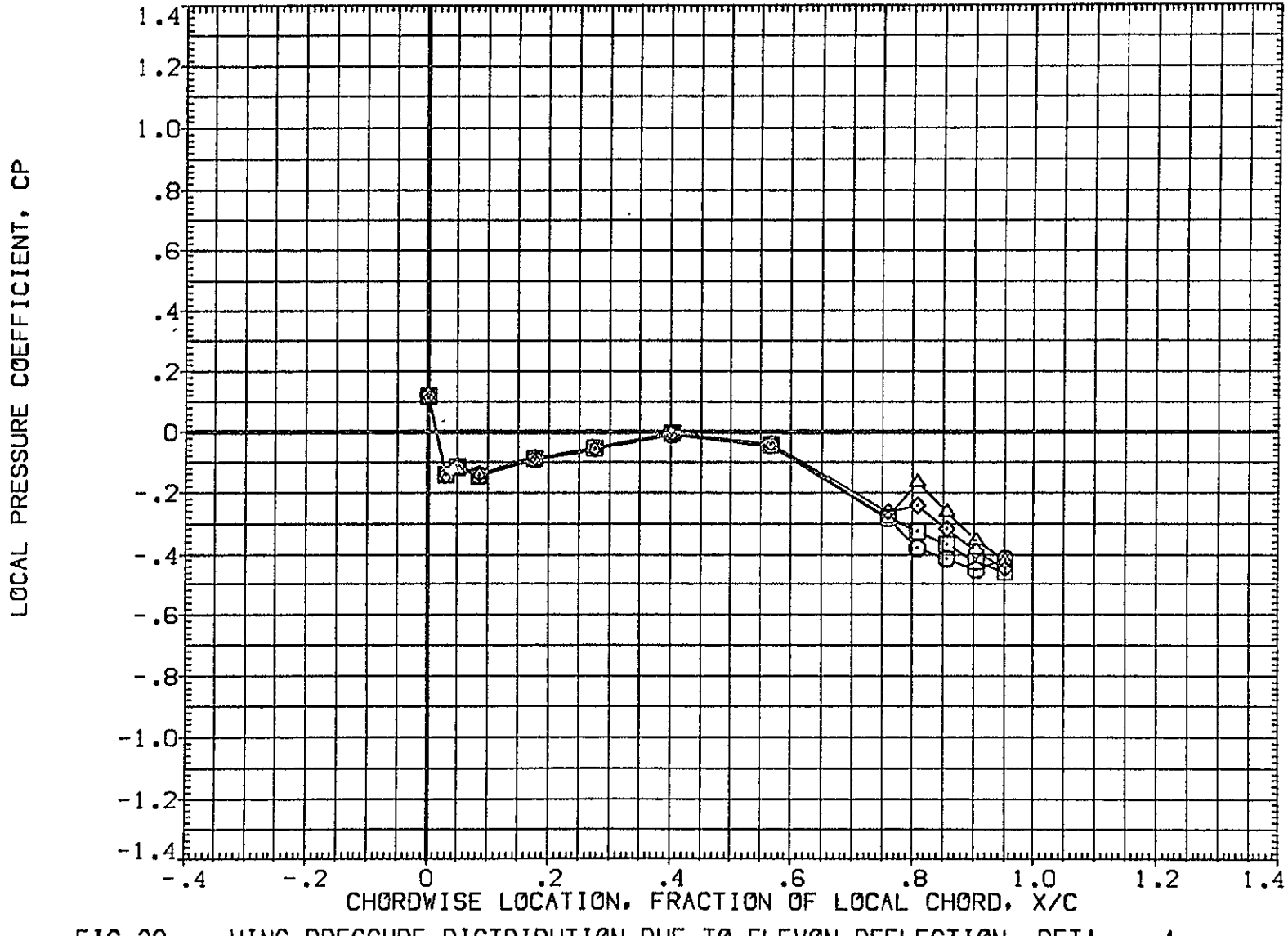

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

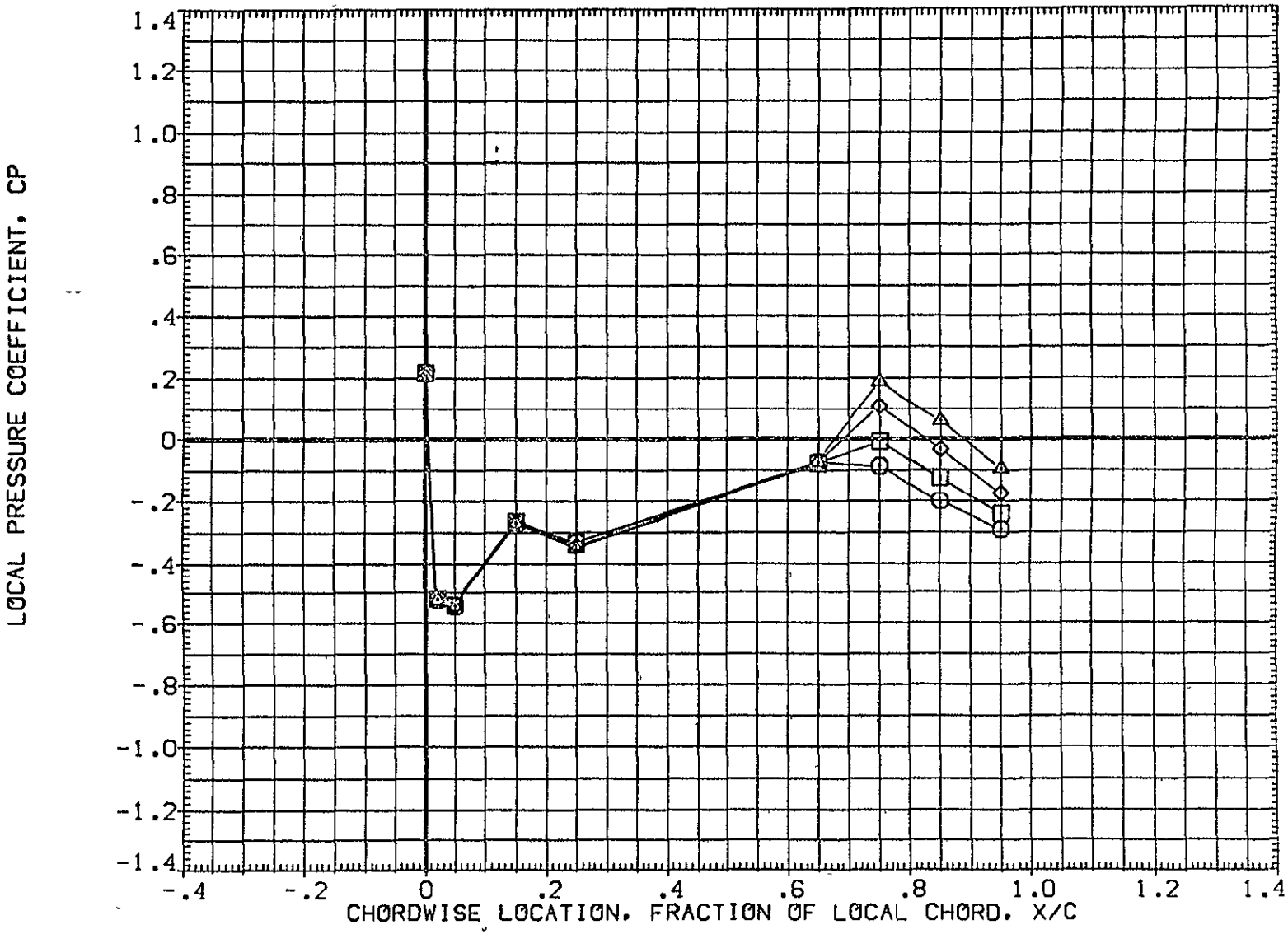

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L56)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

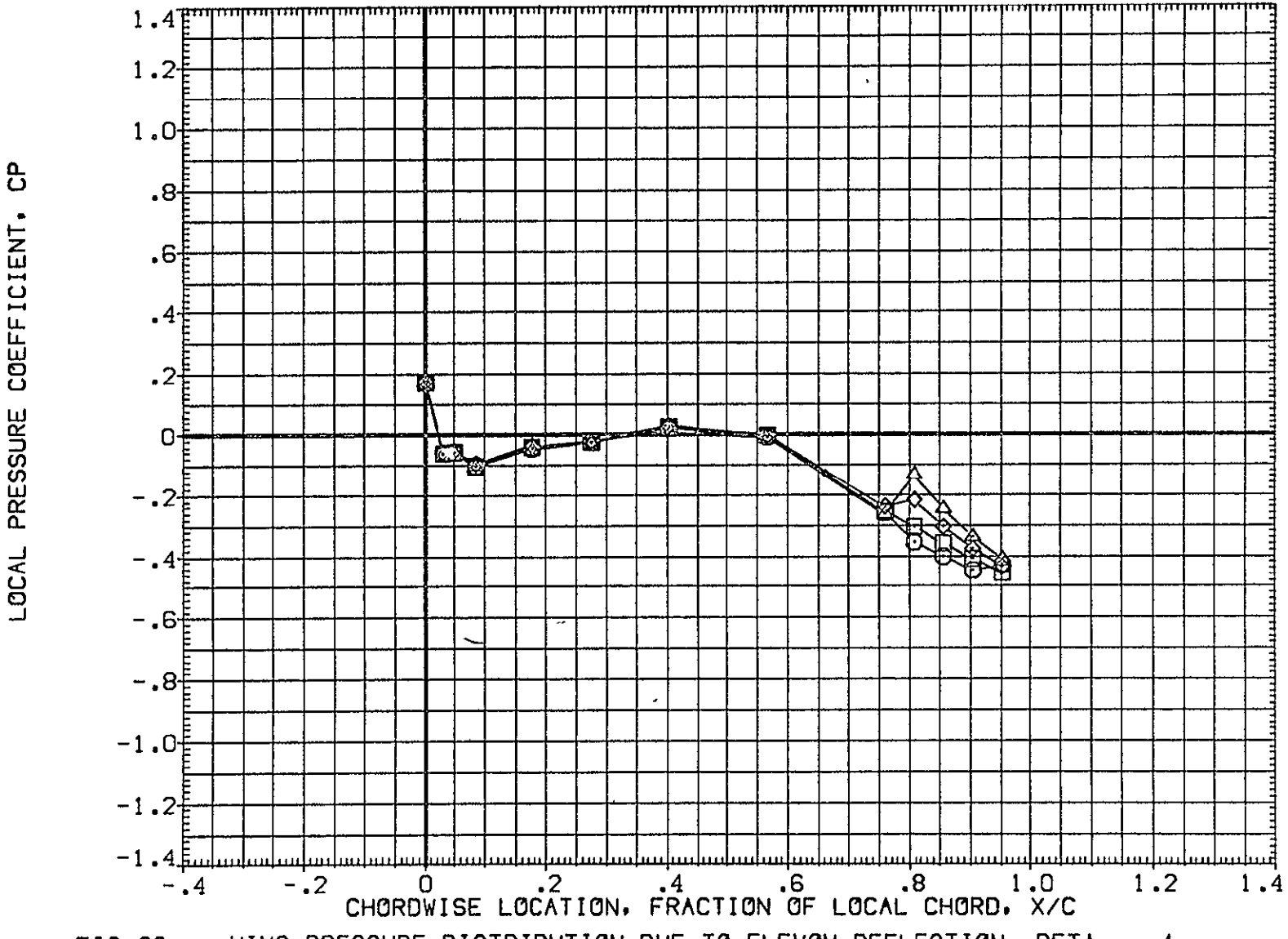

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

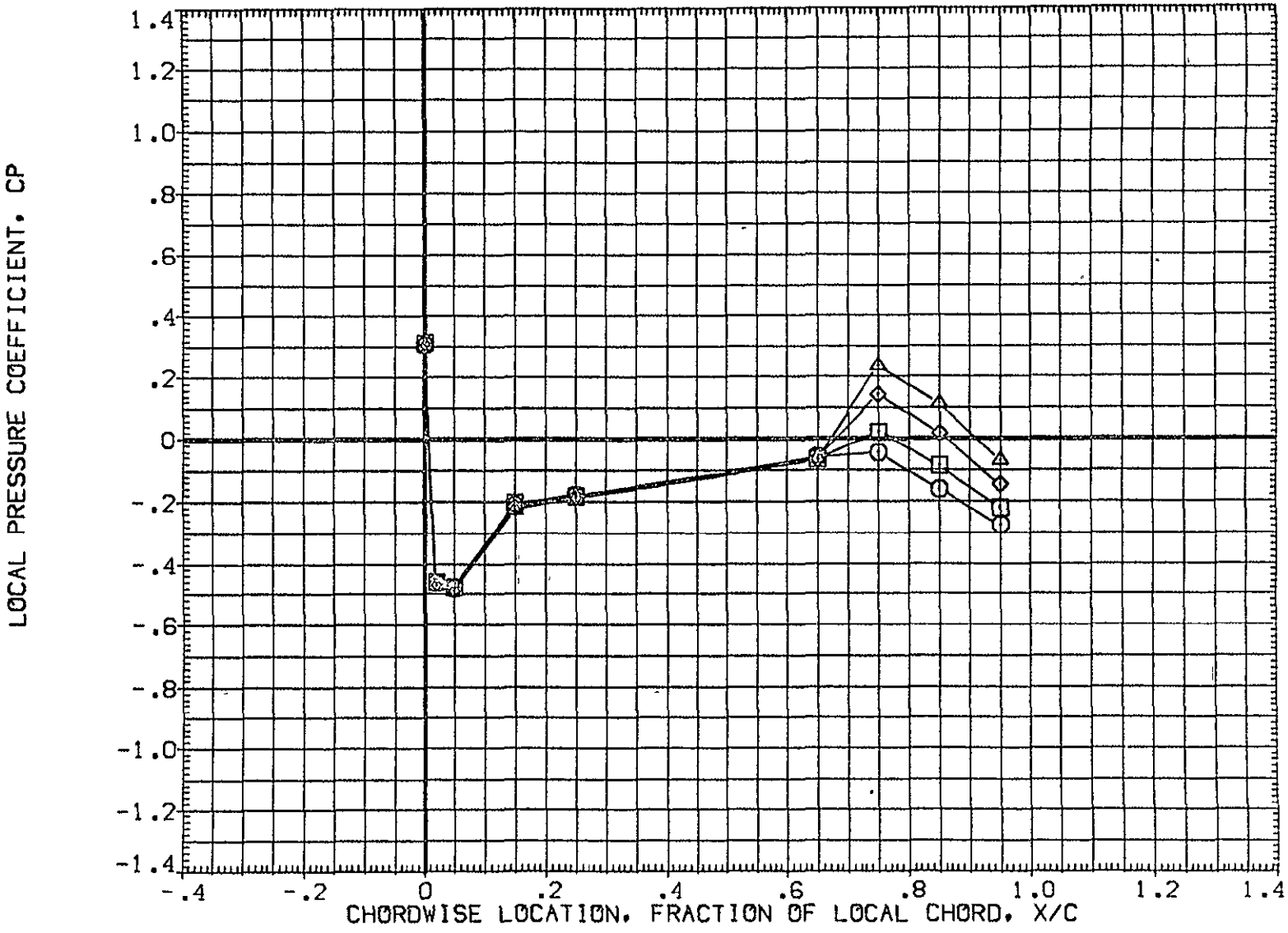

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

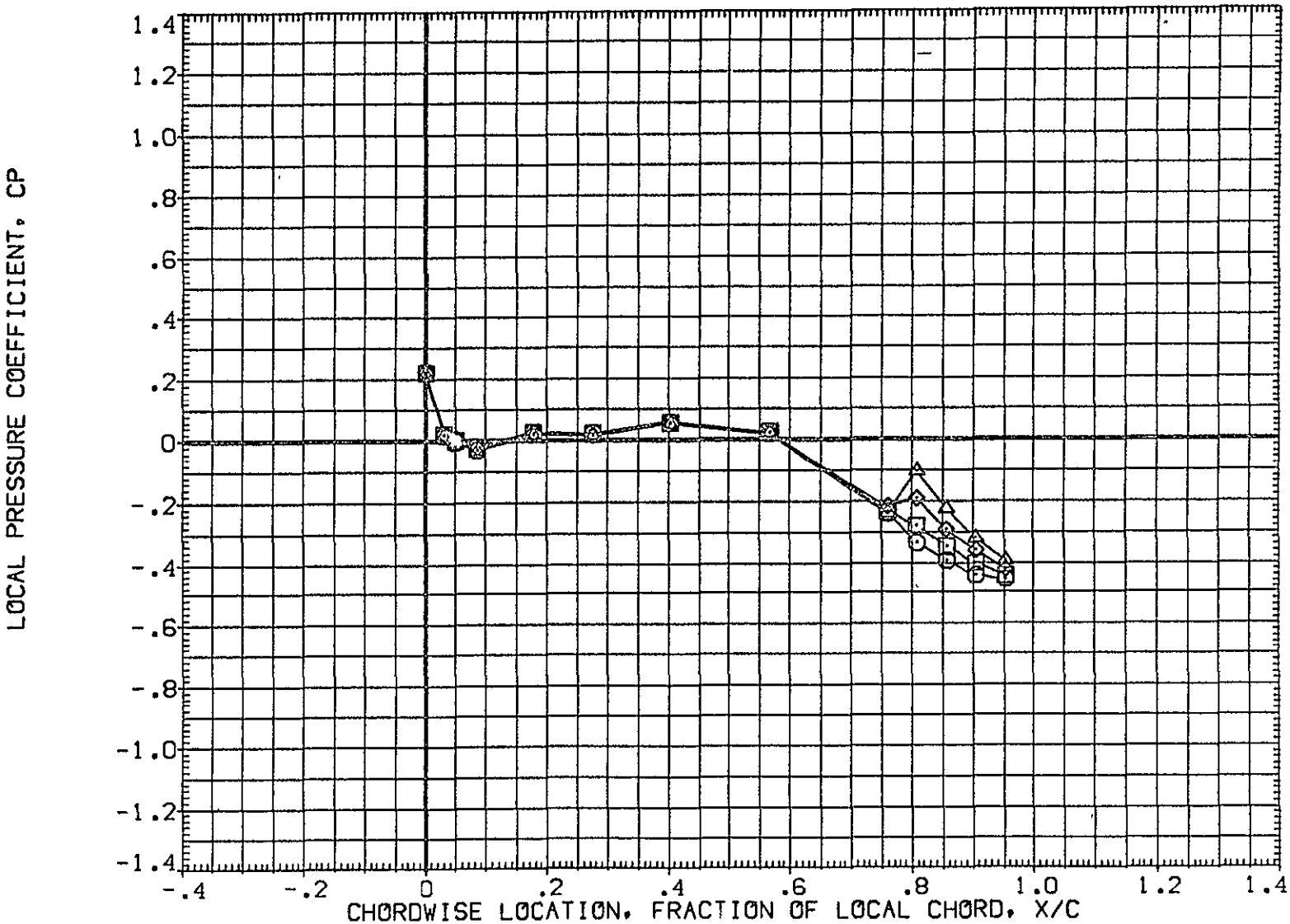

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

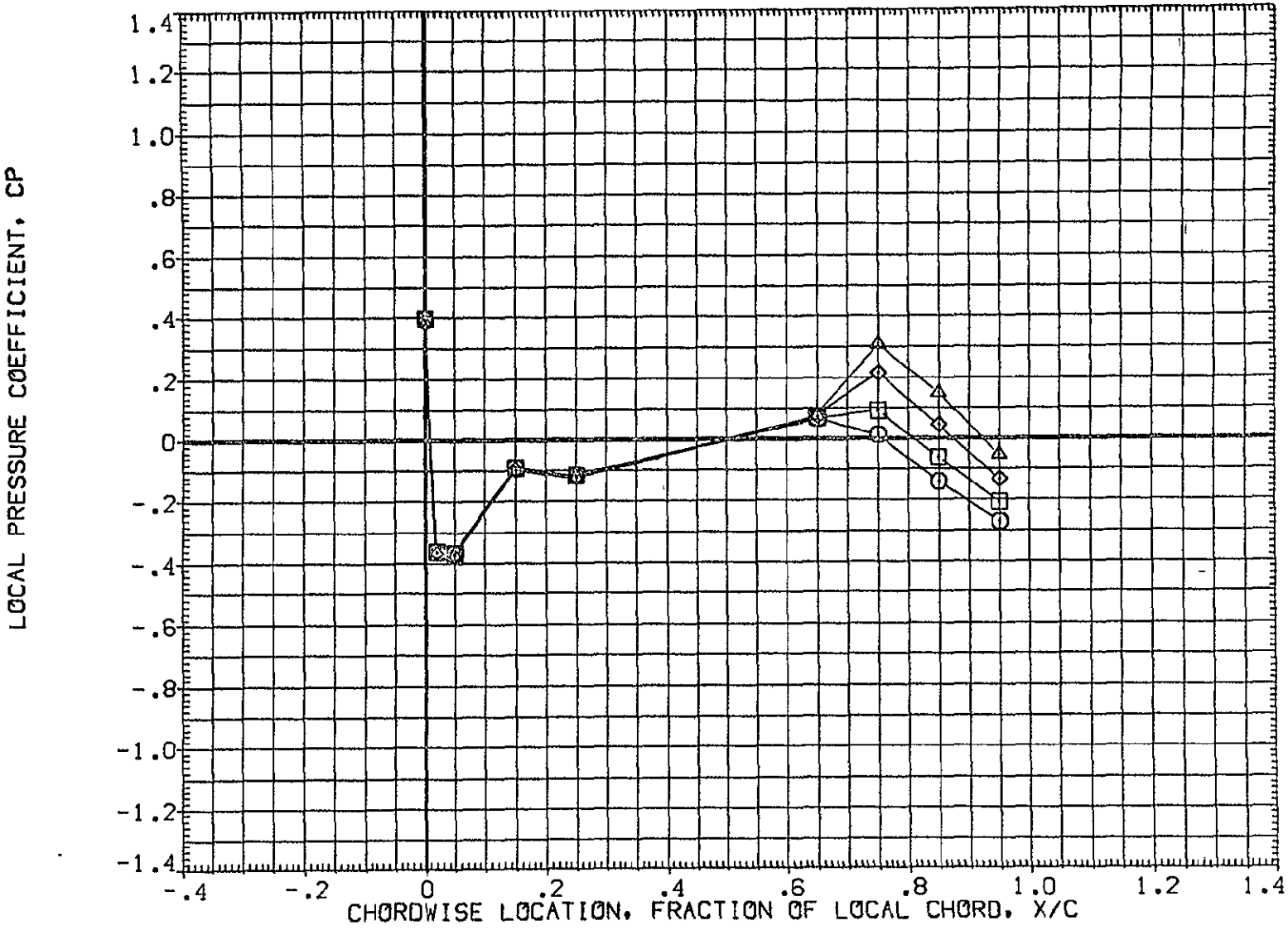

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⊠	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

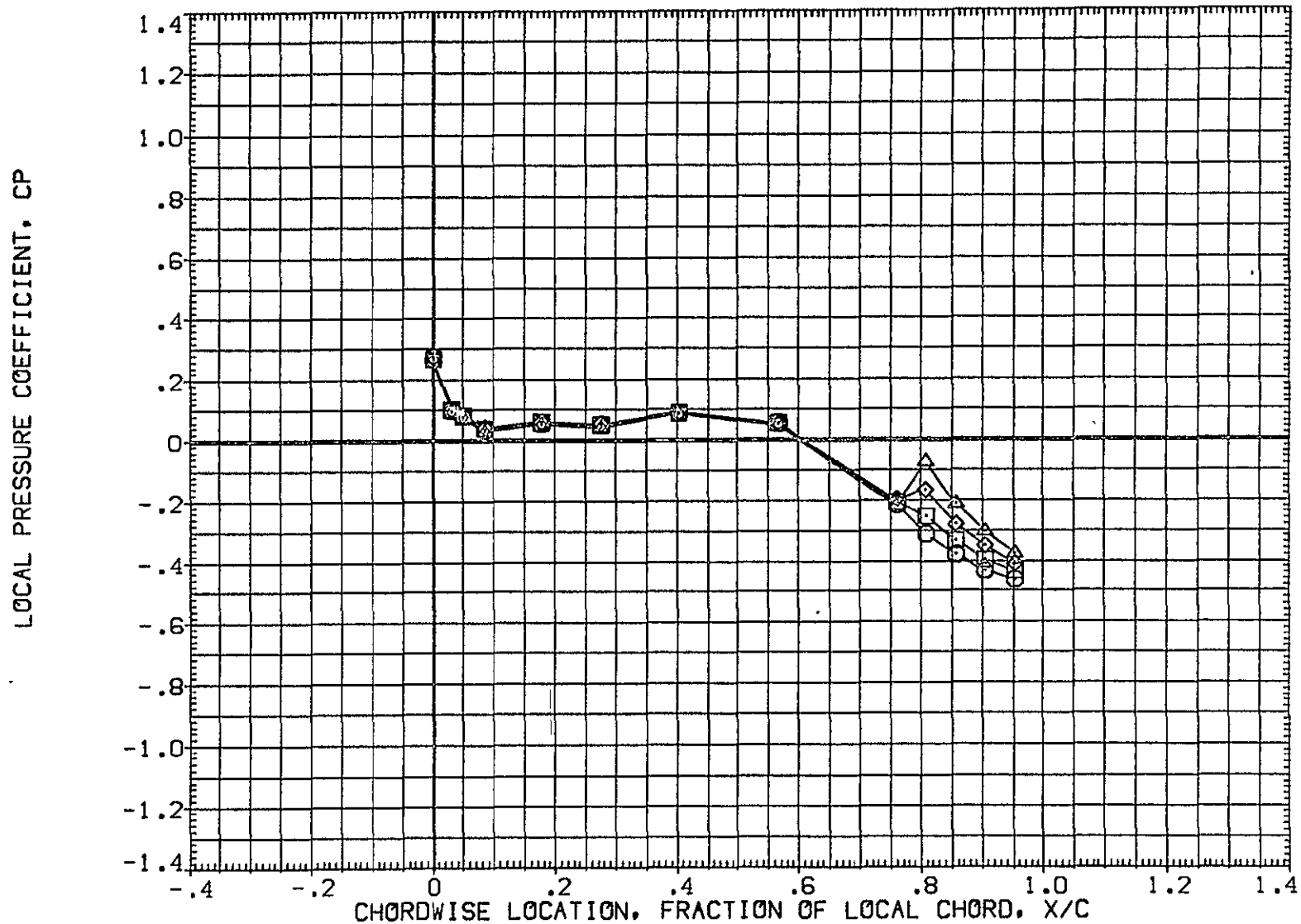

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

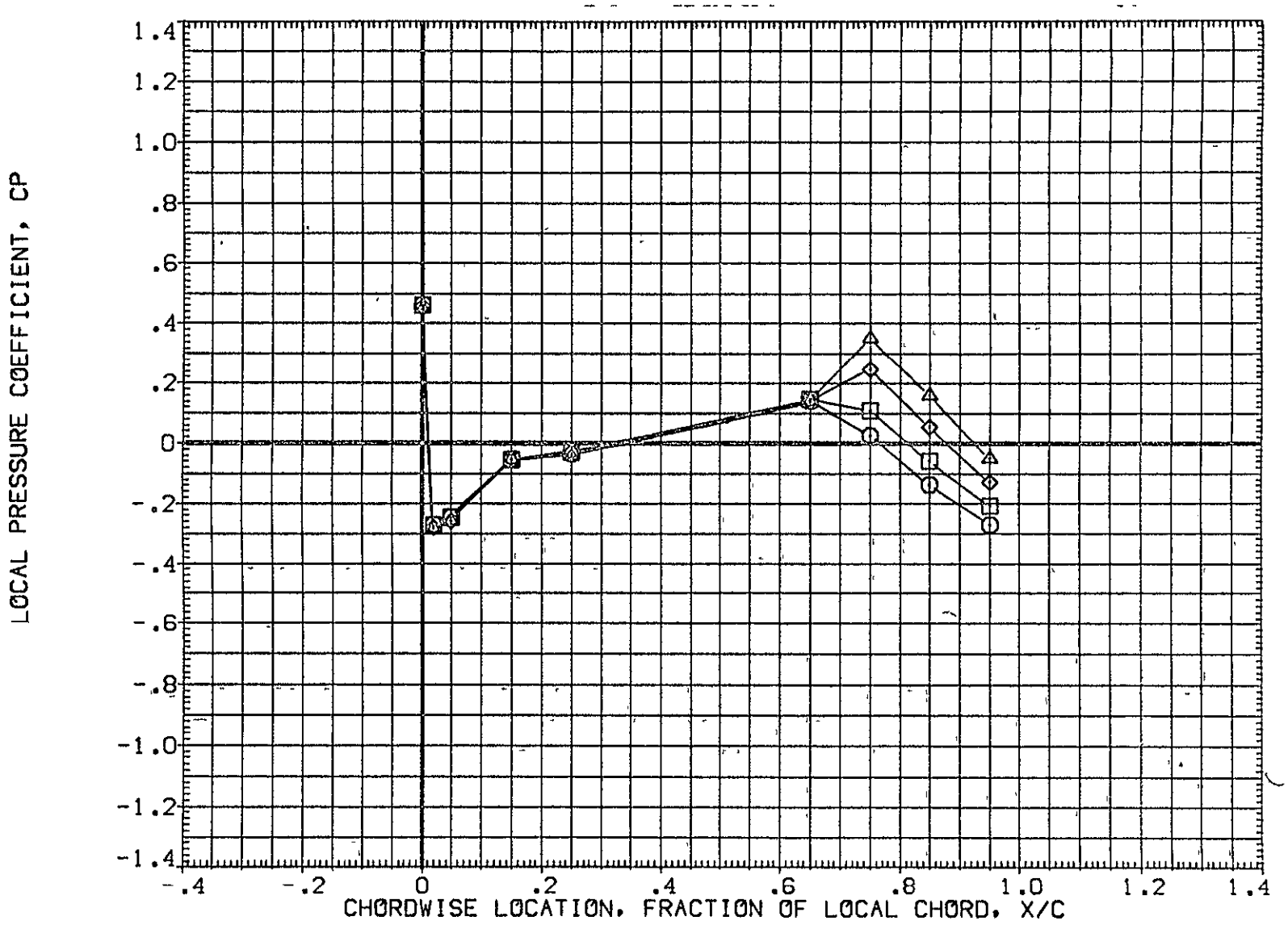

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	⋈	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

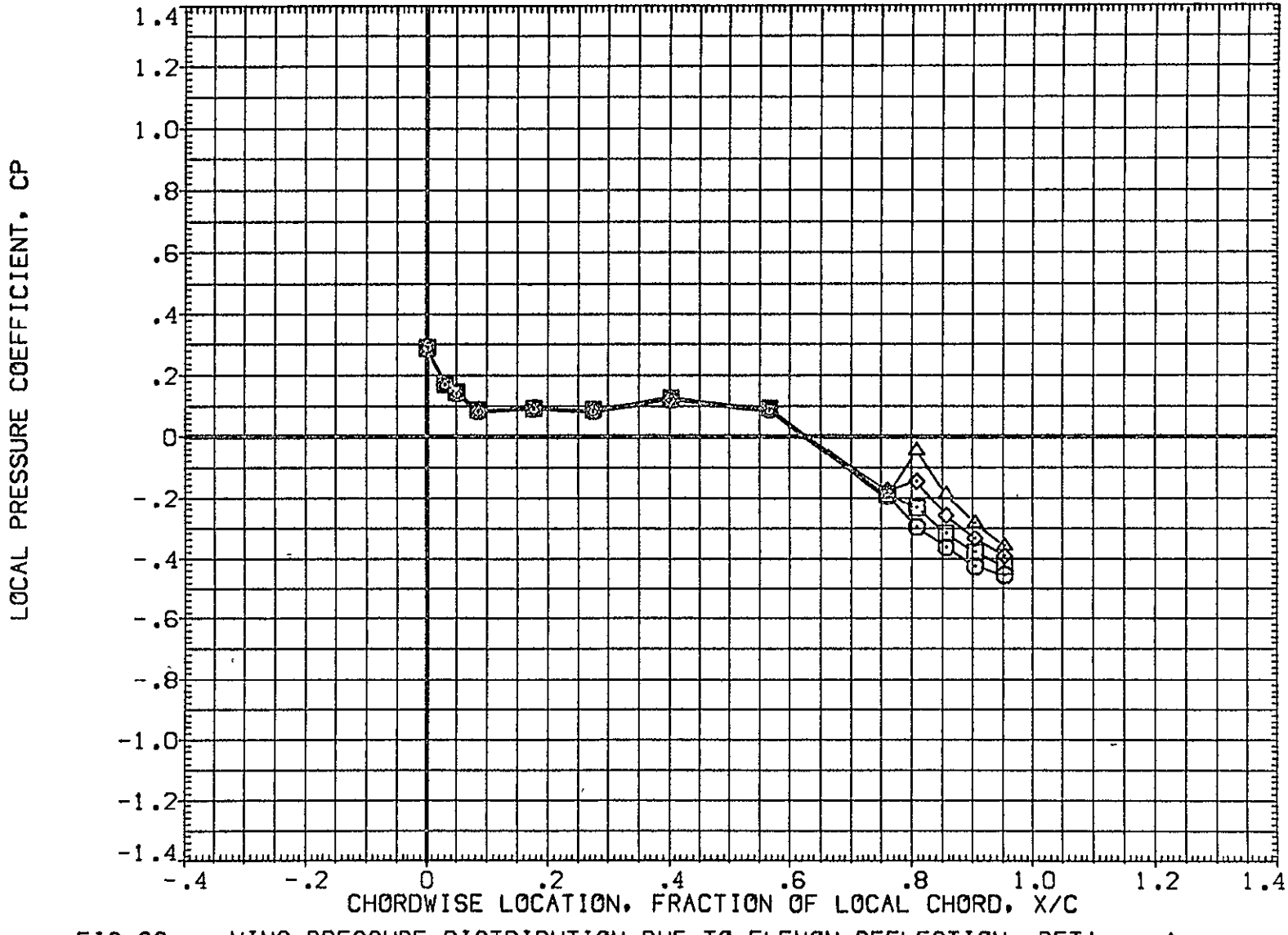

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

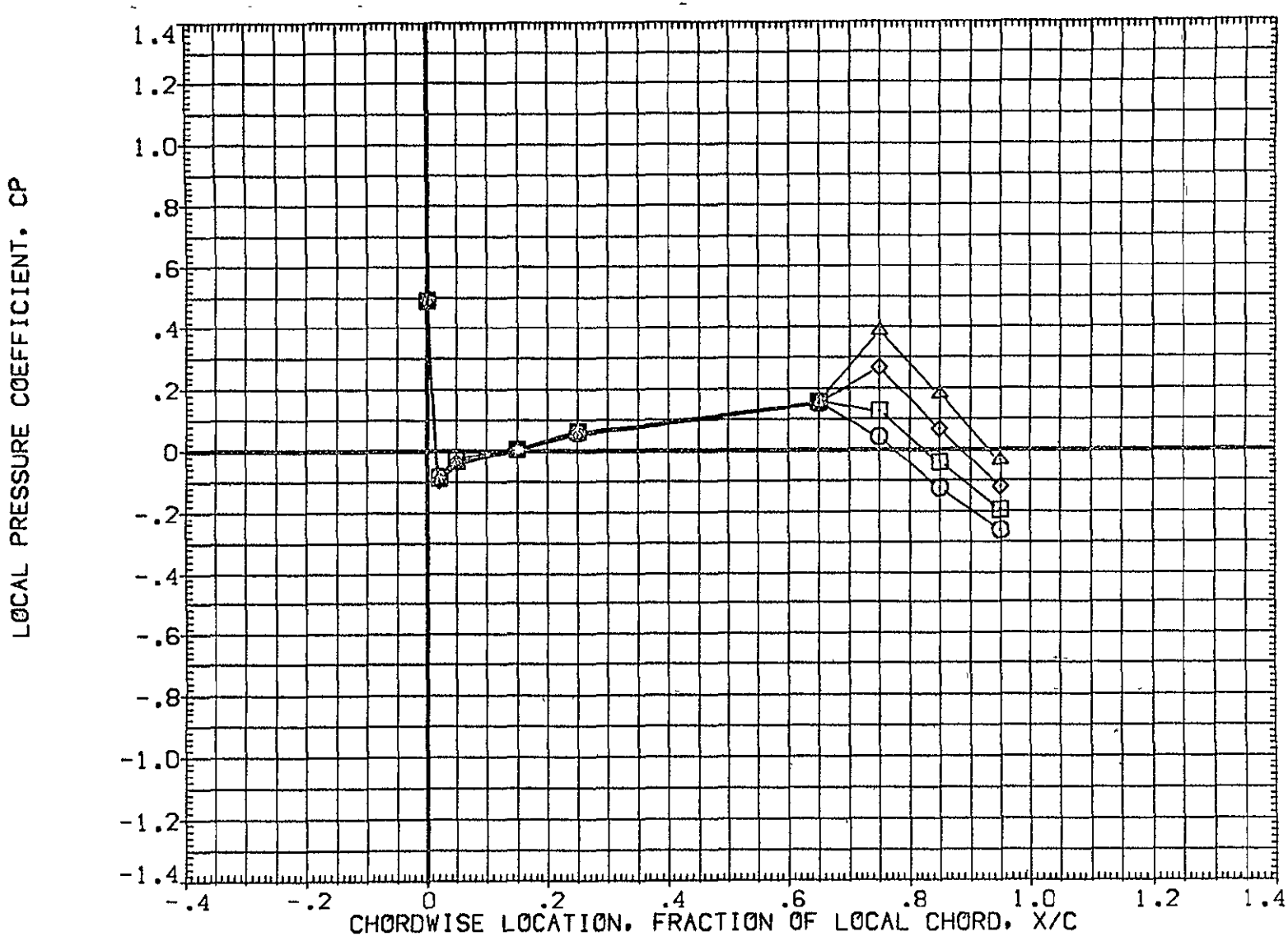

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

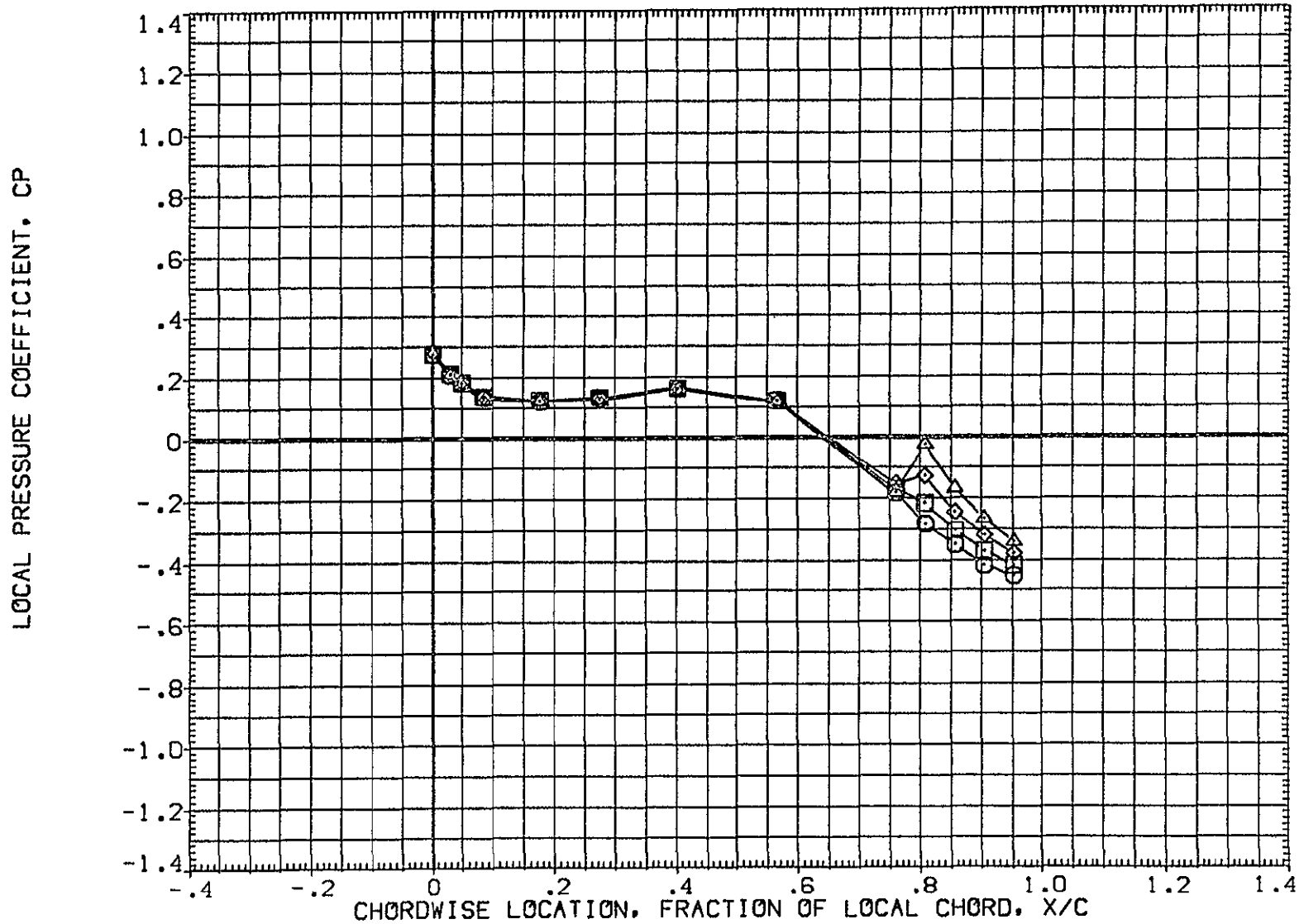

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

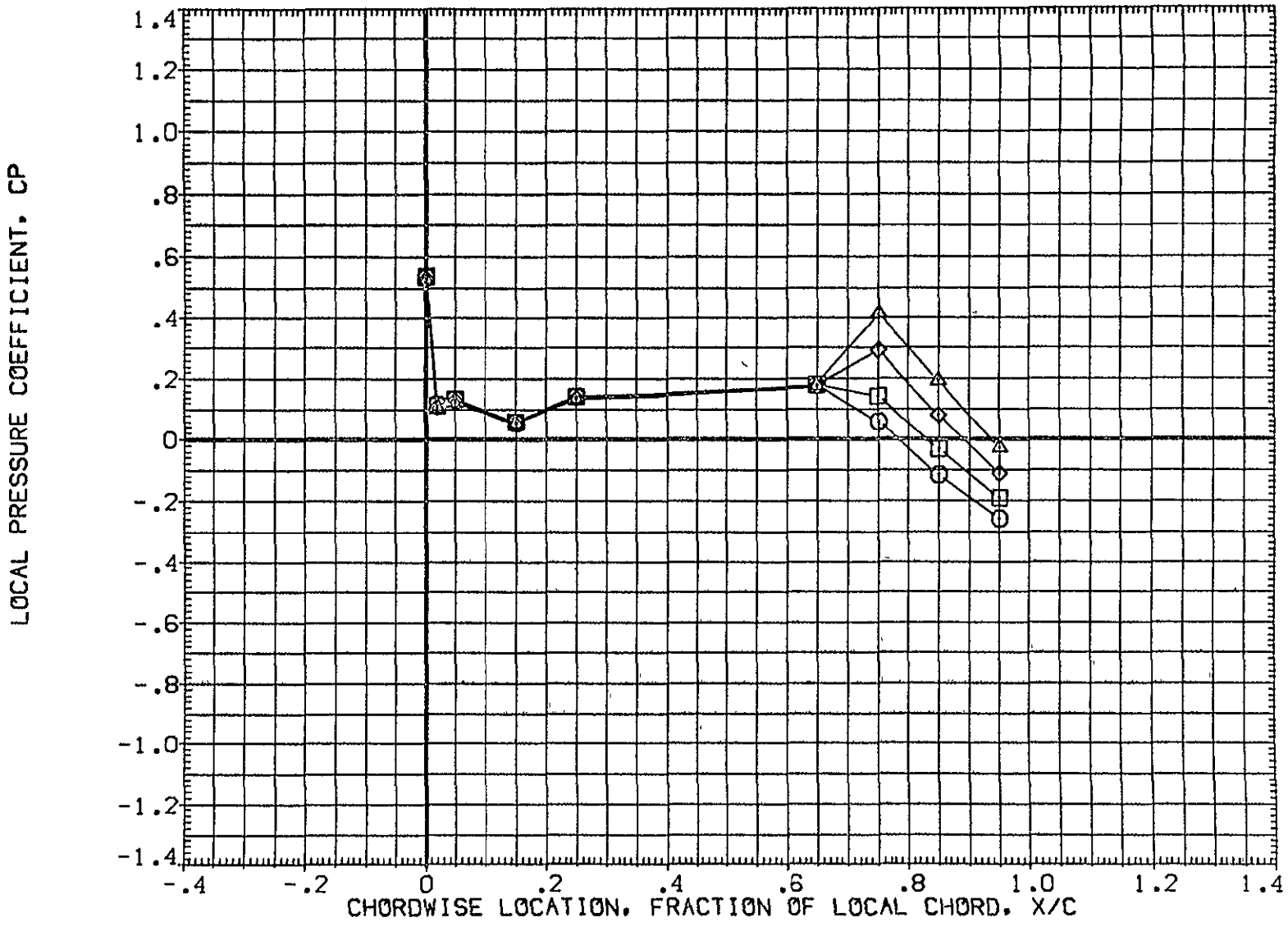

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

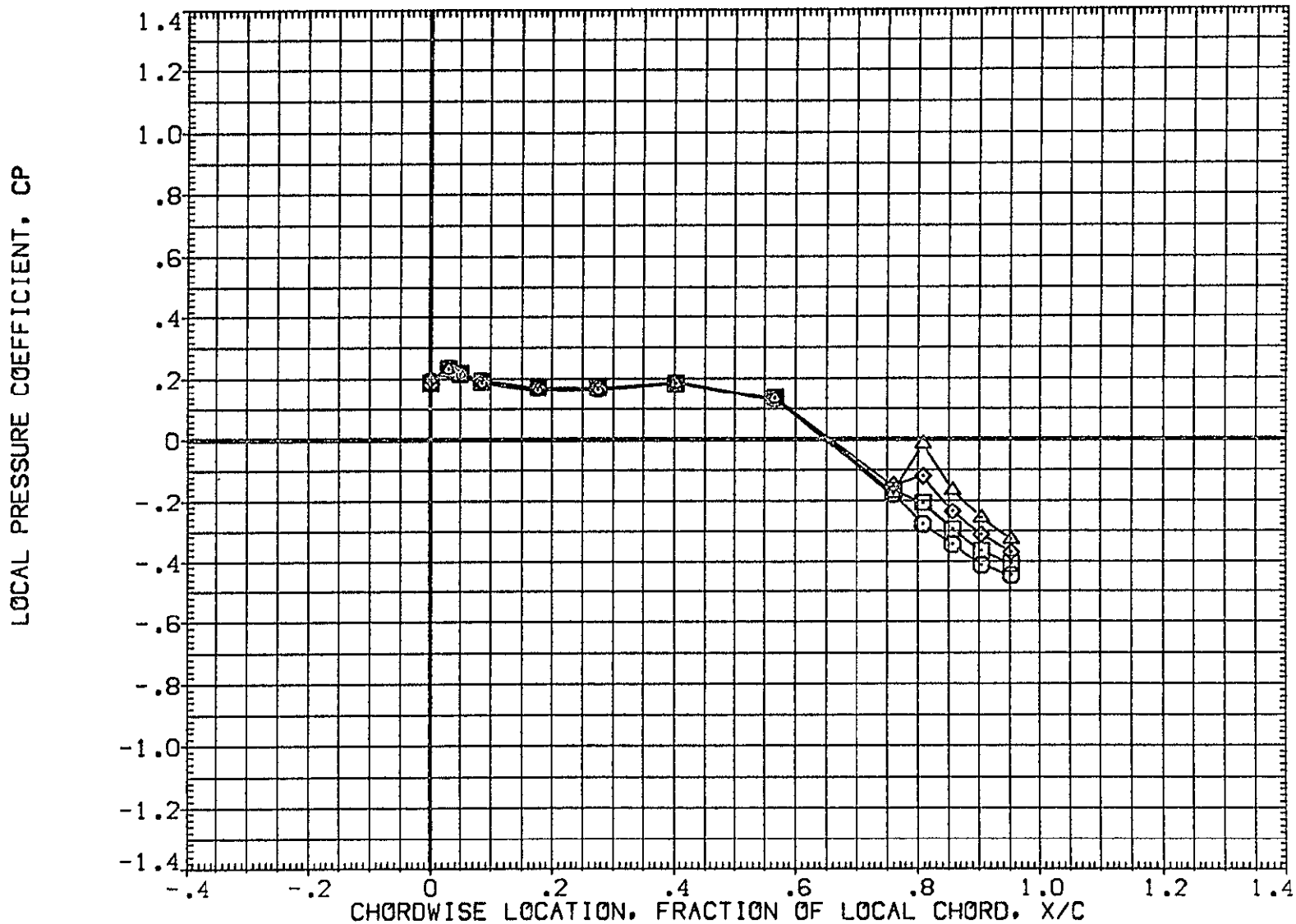

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

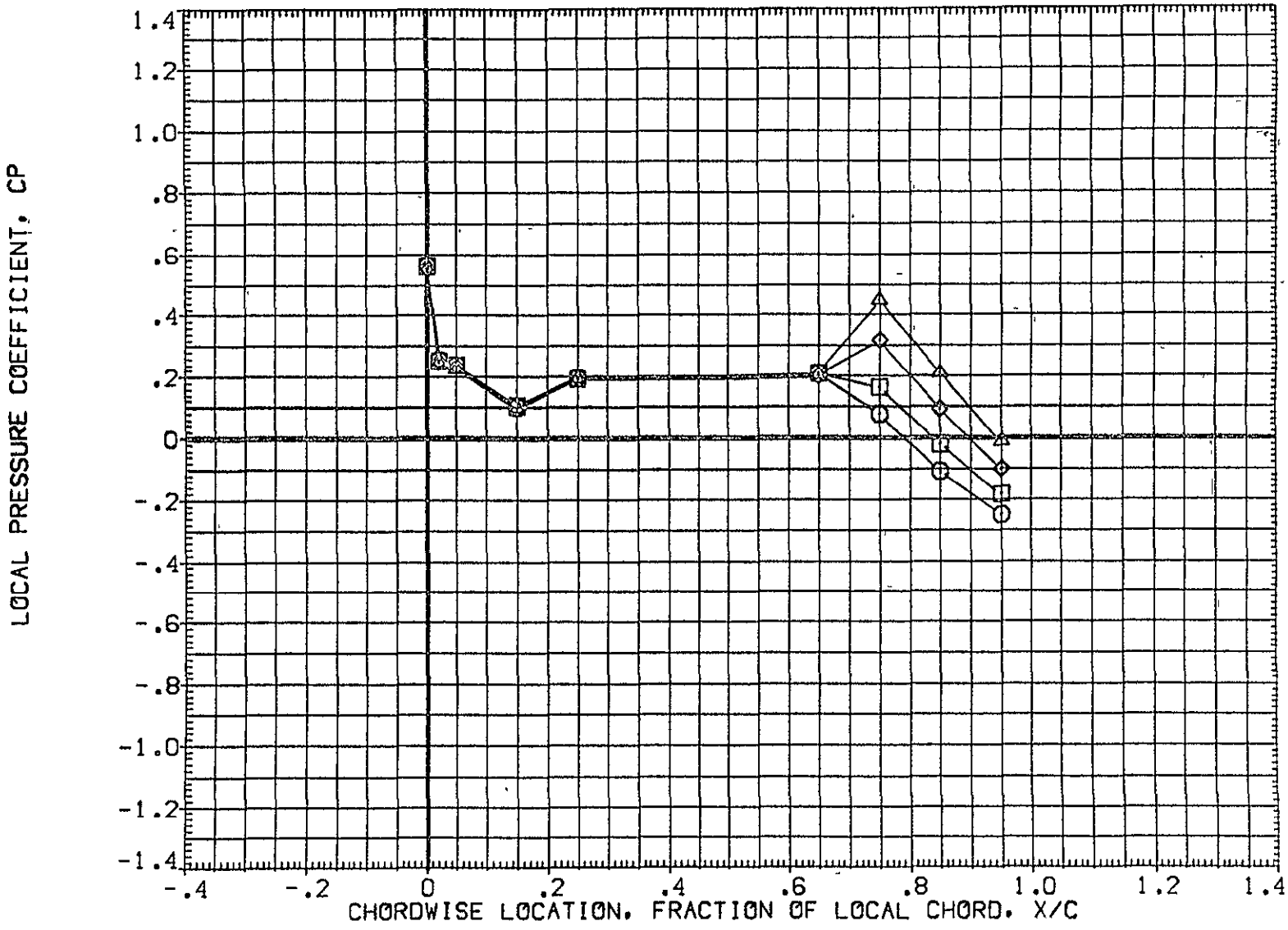

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

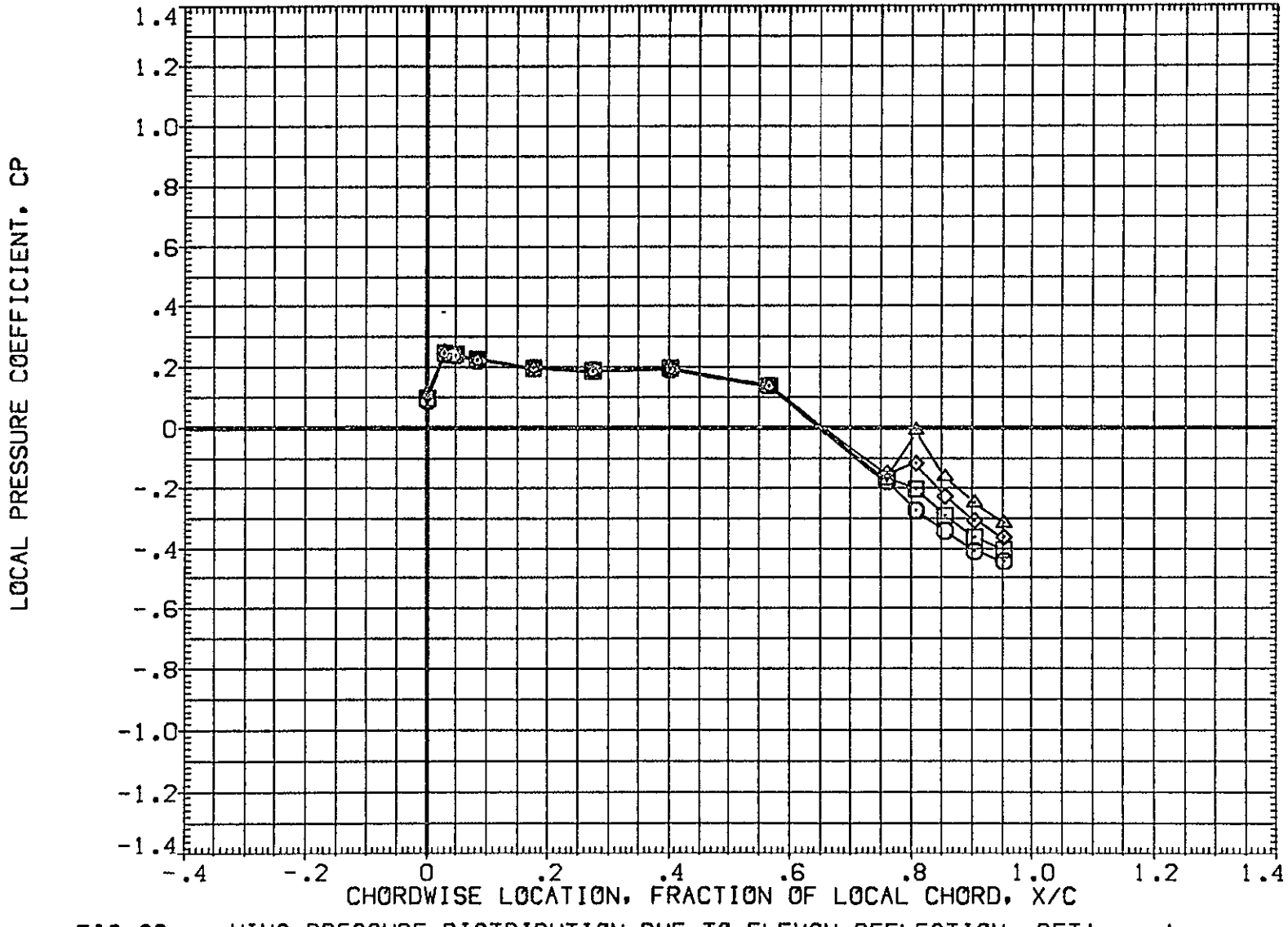

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

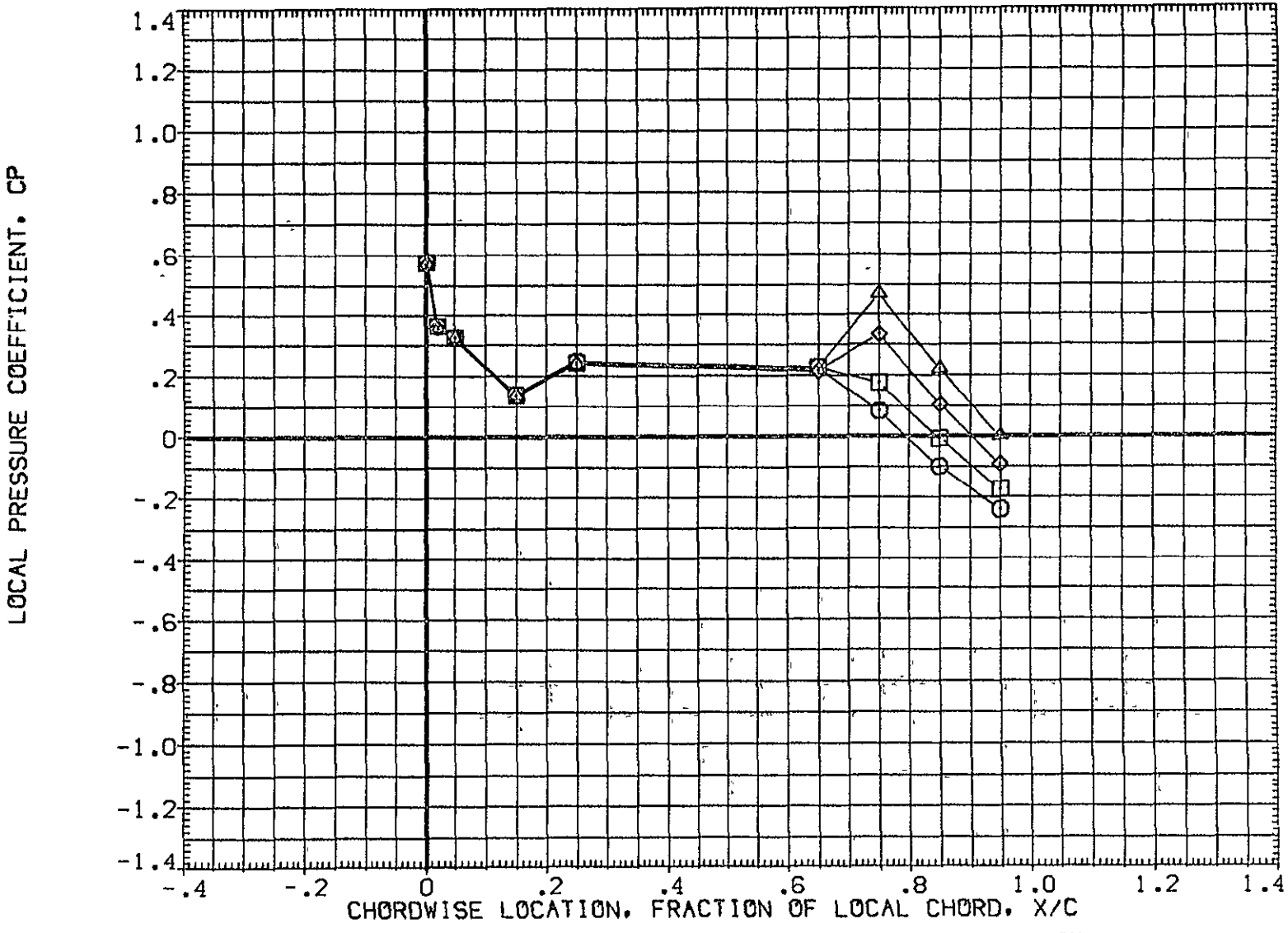

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

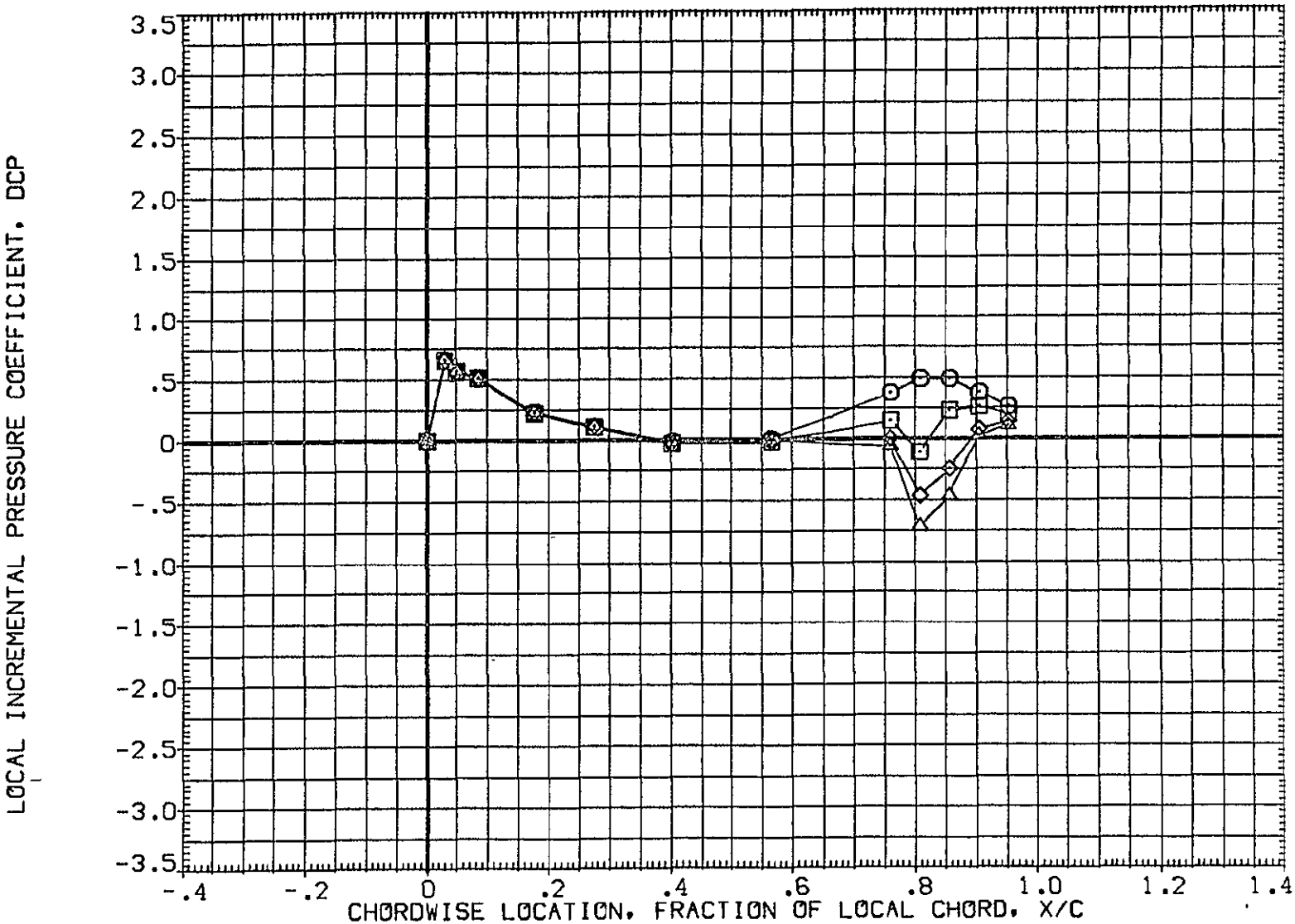

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	▽	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

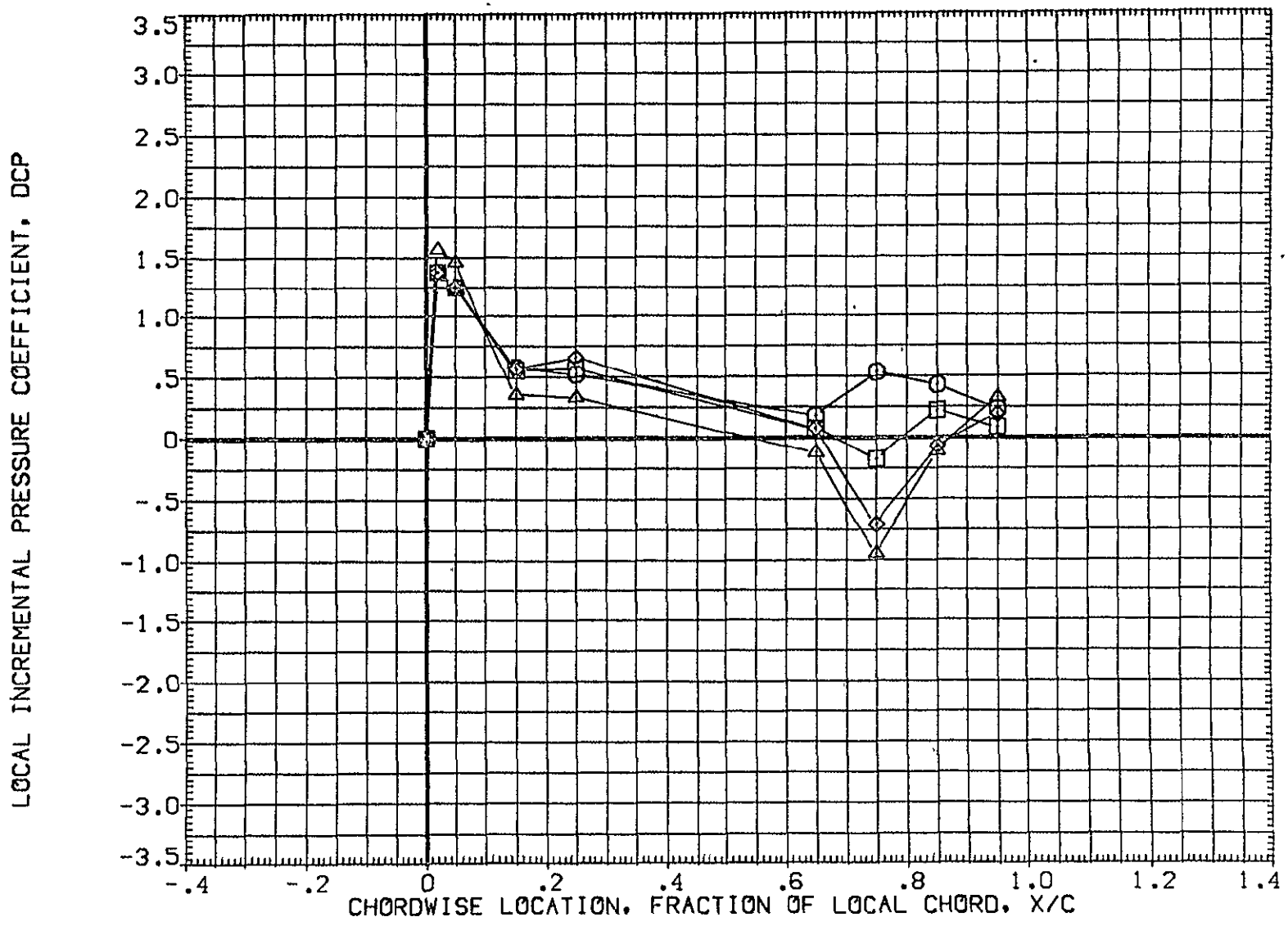

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01	T12	S1	P2	P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

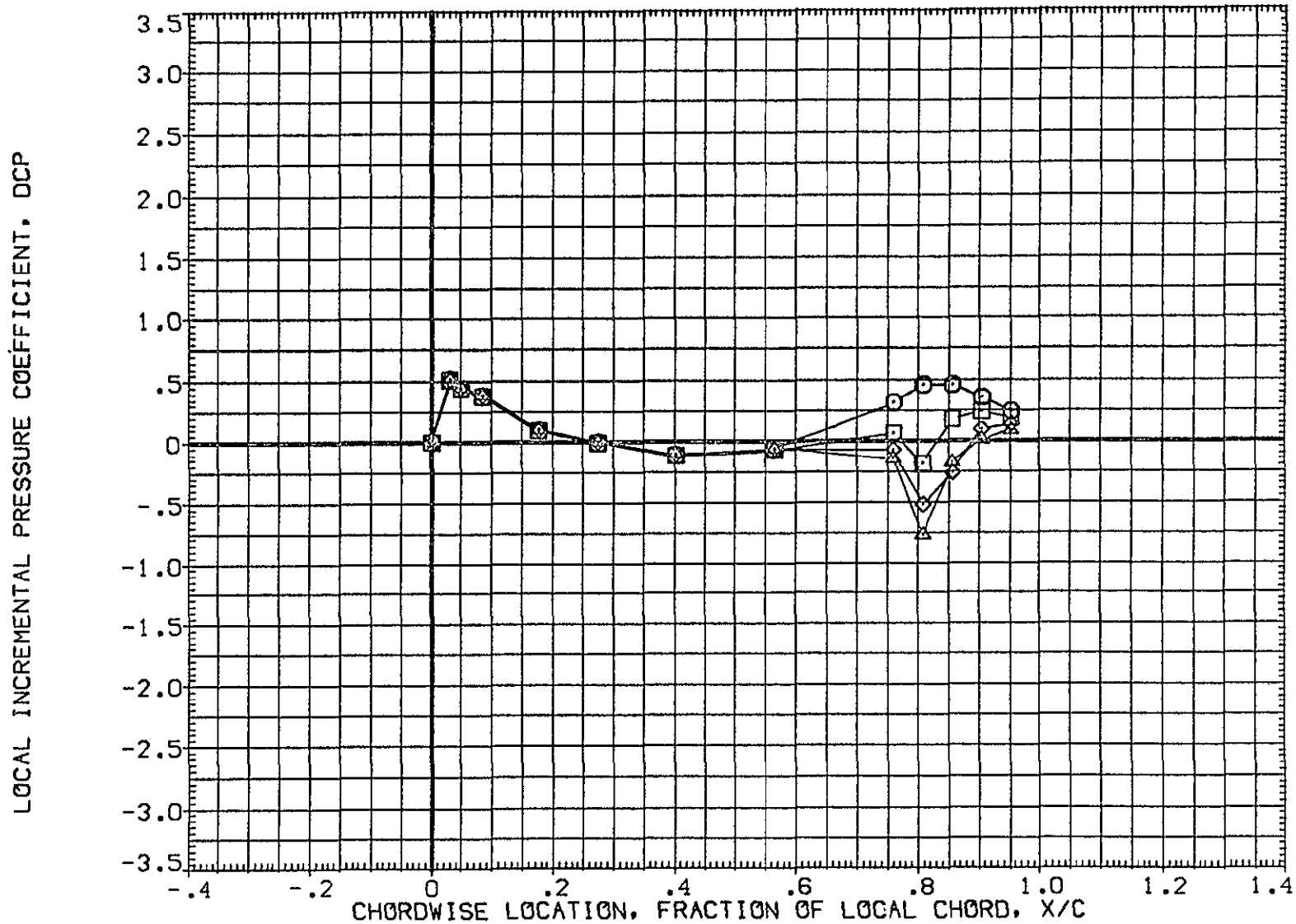

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

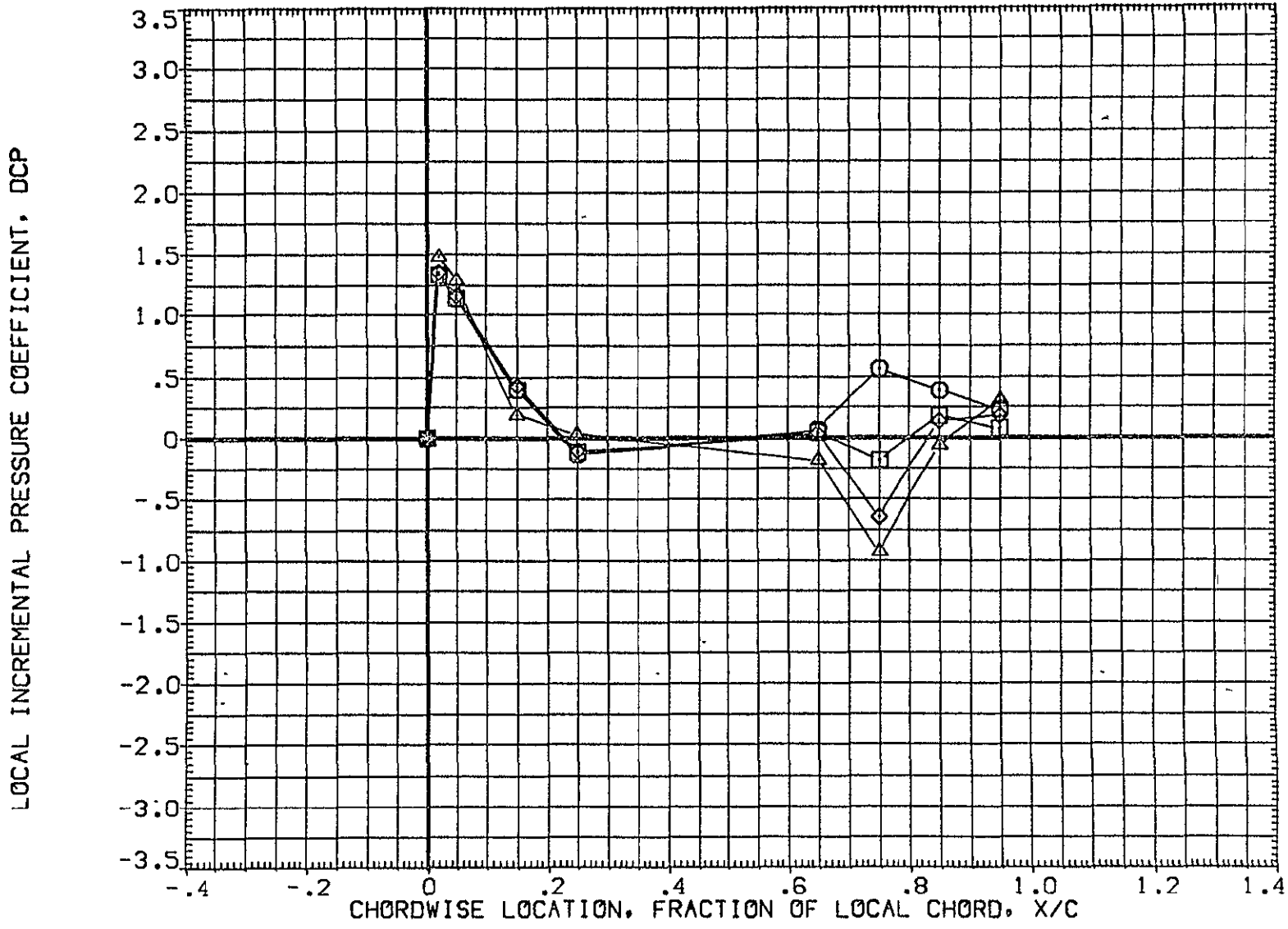

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	⊠	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

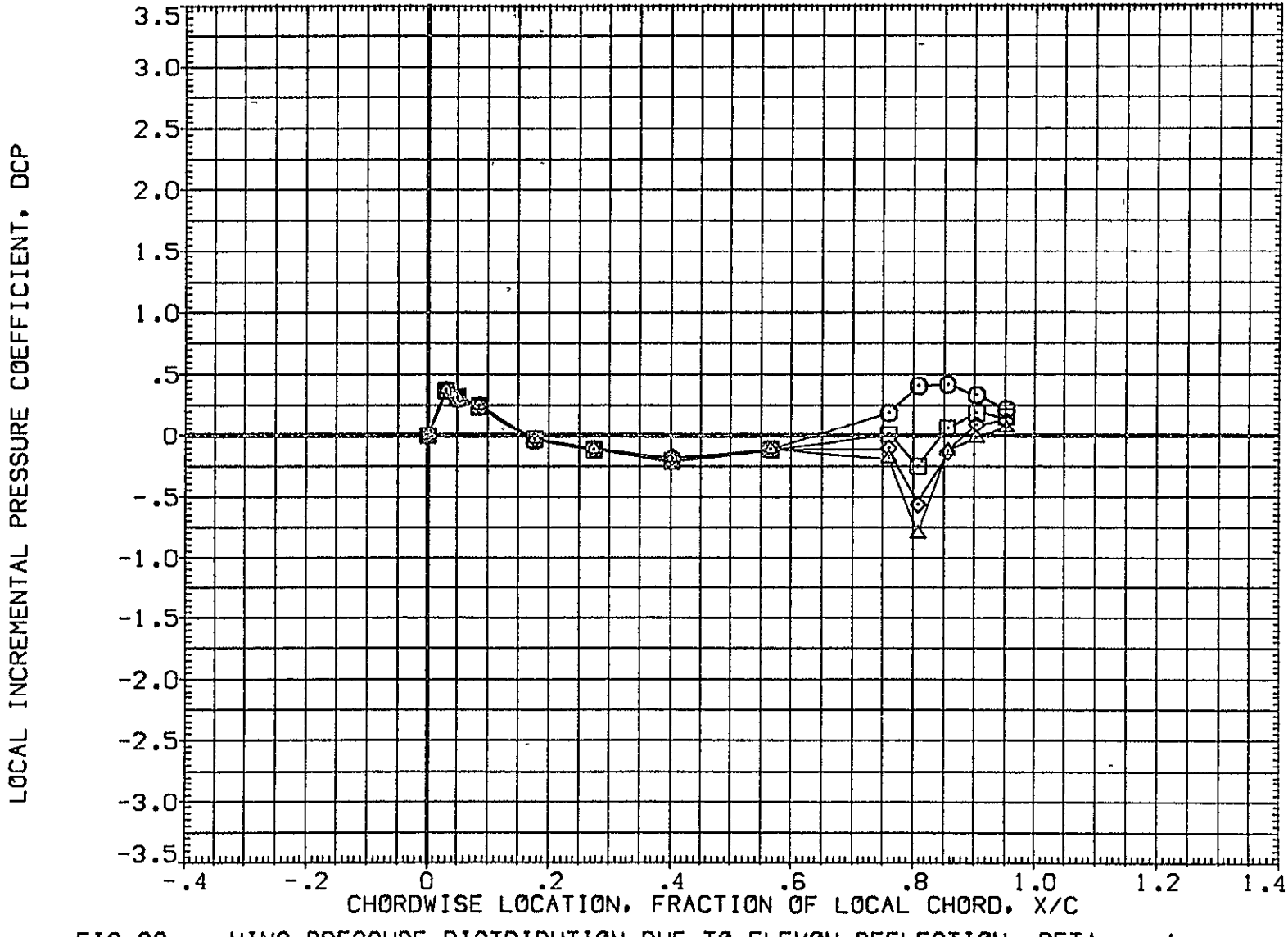

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

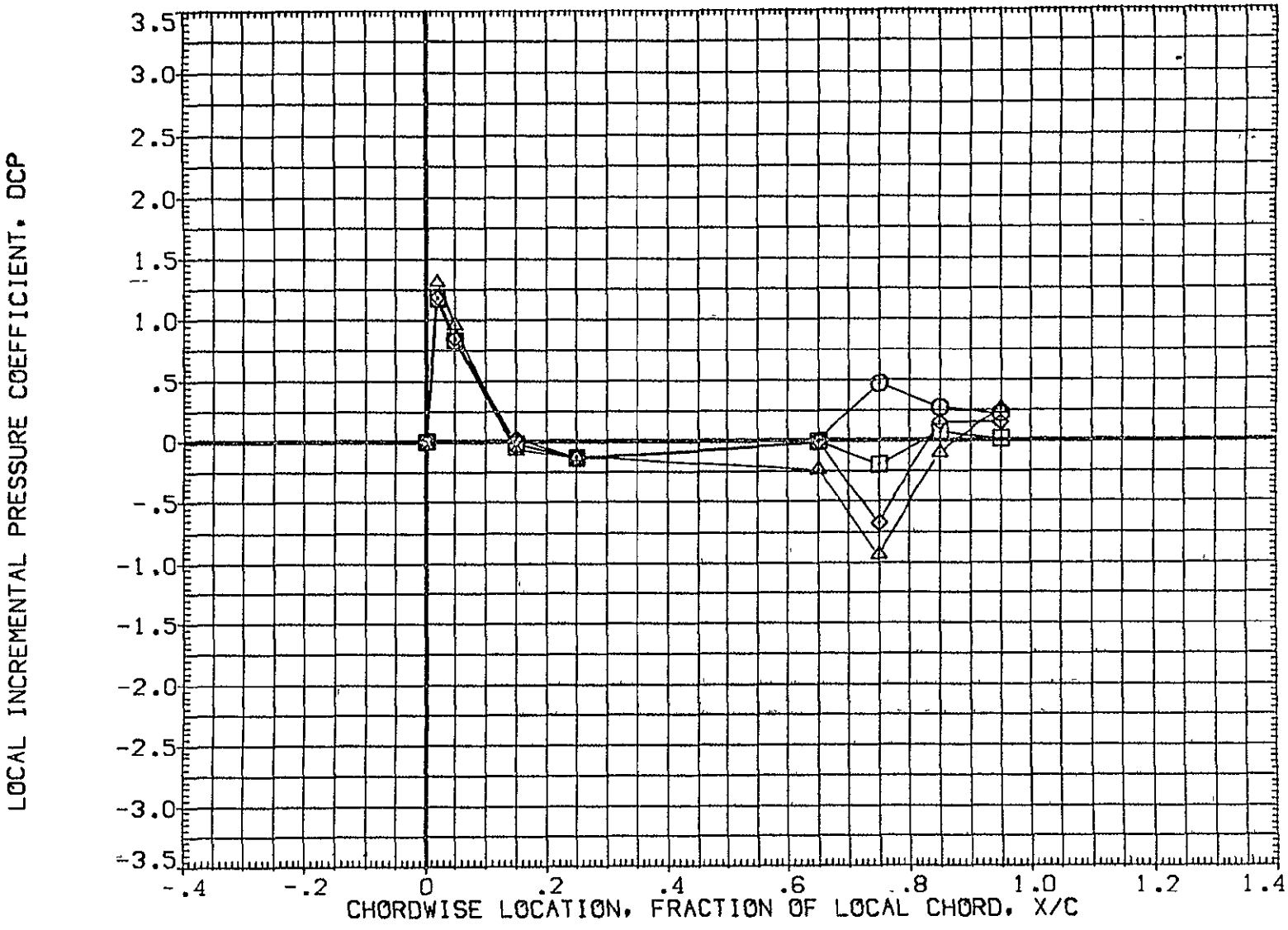

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	IA70 01 T12 S1 P2 P8	WING [UPPER - LOWER]		.000	.000	.000	.000
[AF7051]	□	IA70 01 T12 S1 P2 P8	WING [UPPER - LOWER]		4.000	4.000	4.000	4.000
[AF7056]	◇	IA70 01 T12 S1 P2 P8	WING [UPPER - LOWER]		8.000	8.000	8.000	8.000
[AF7061]	△	IA70 01 T12 S1 P2 P8	WING [UPPER - LOWER]		8.000	12.000	12.000	12.000

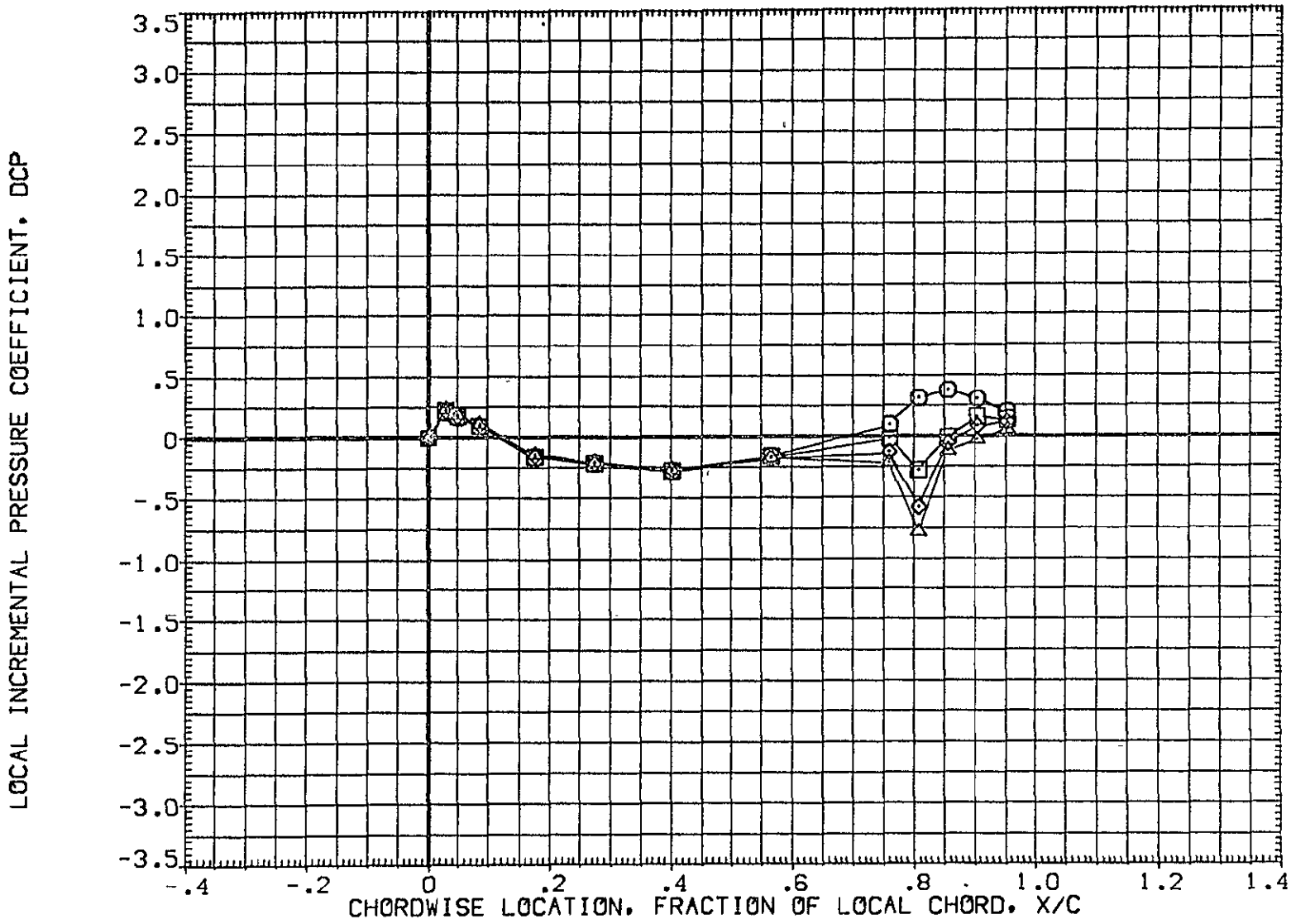

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

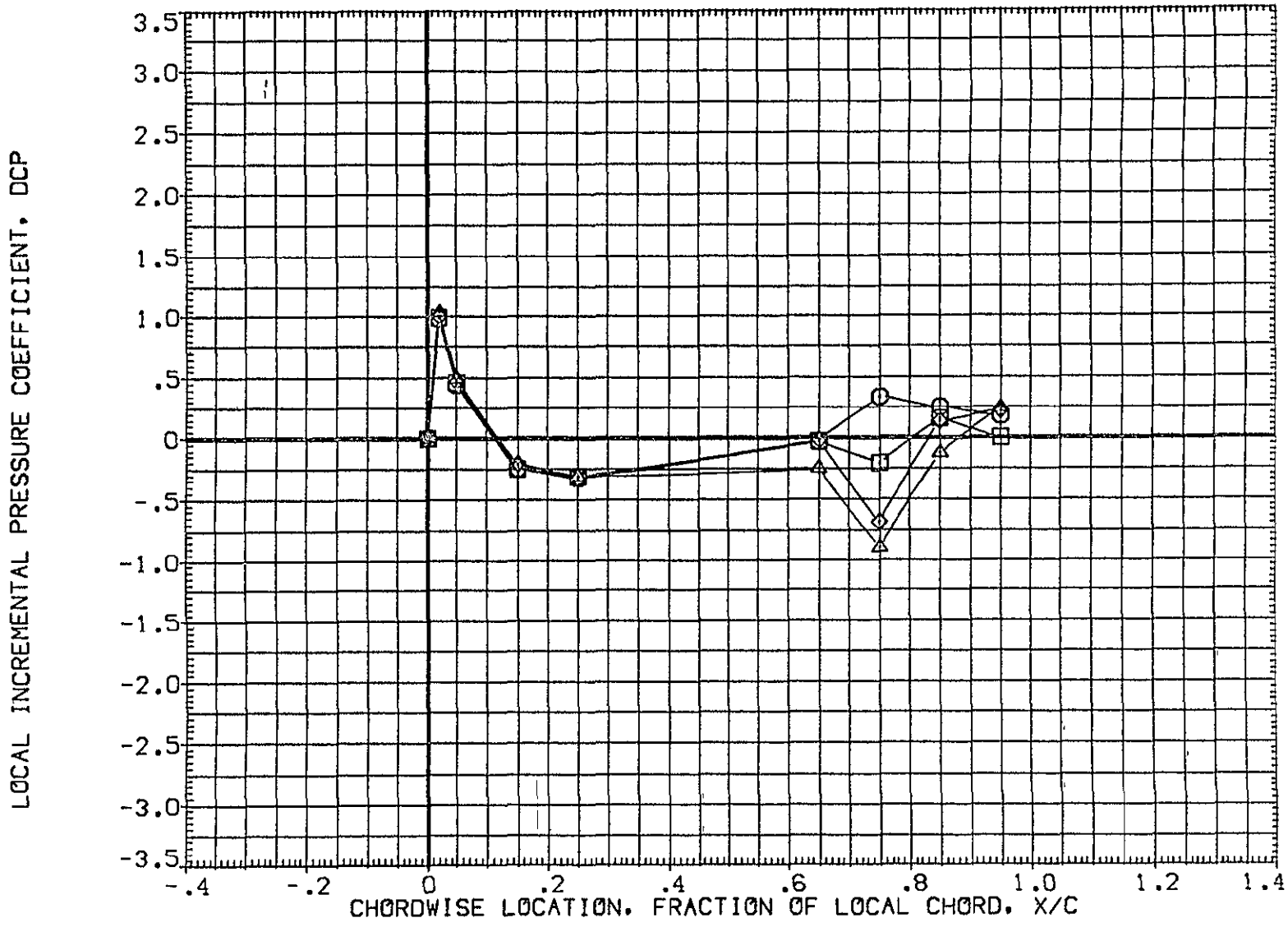

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

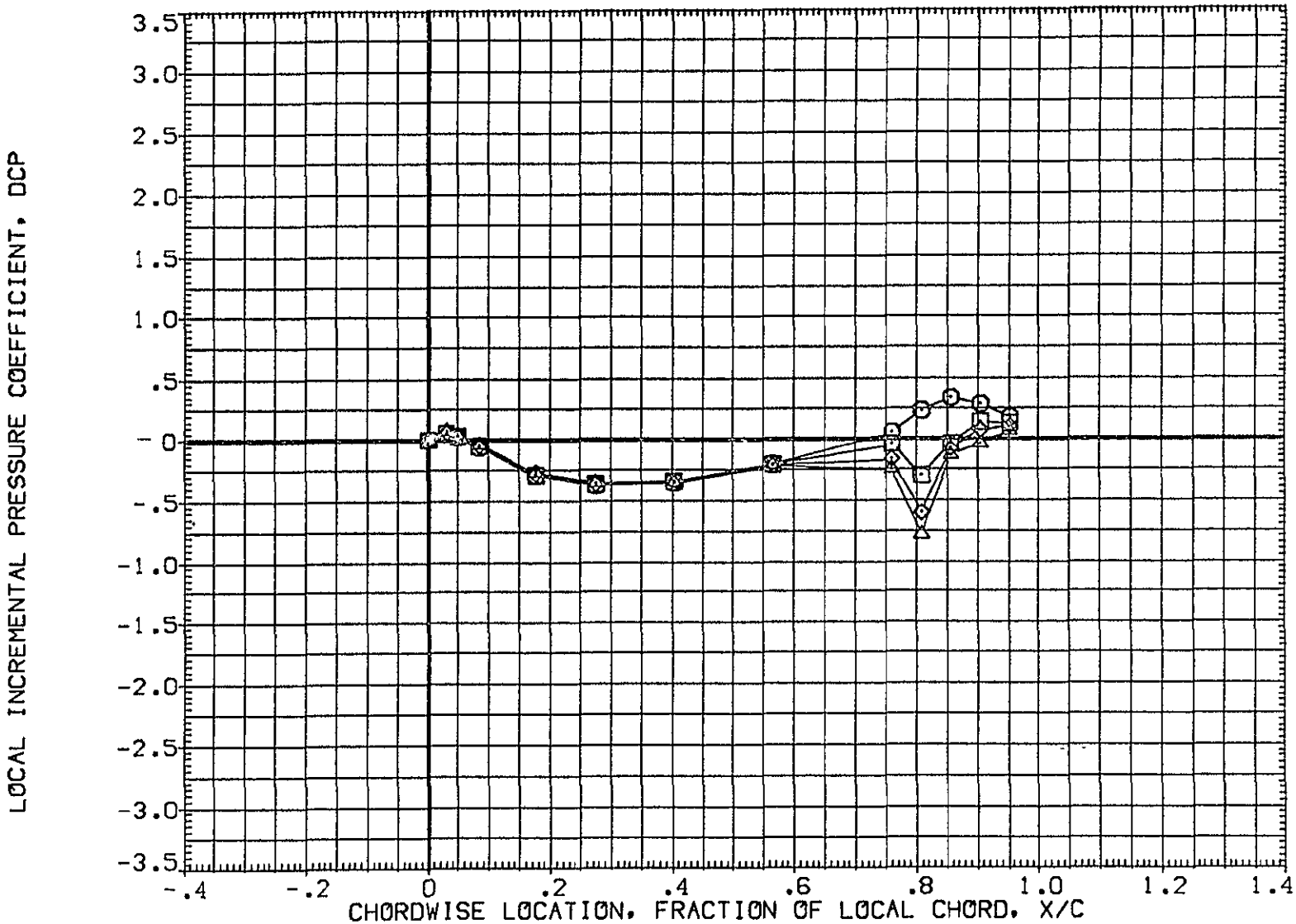

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

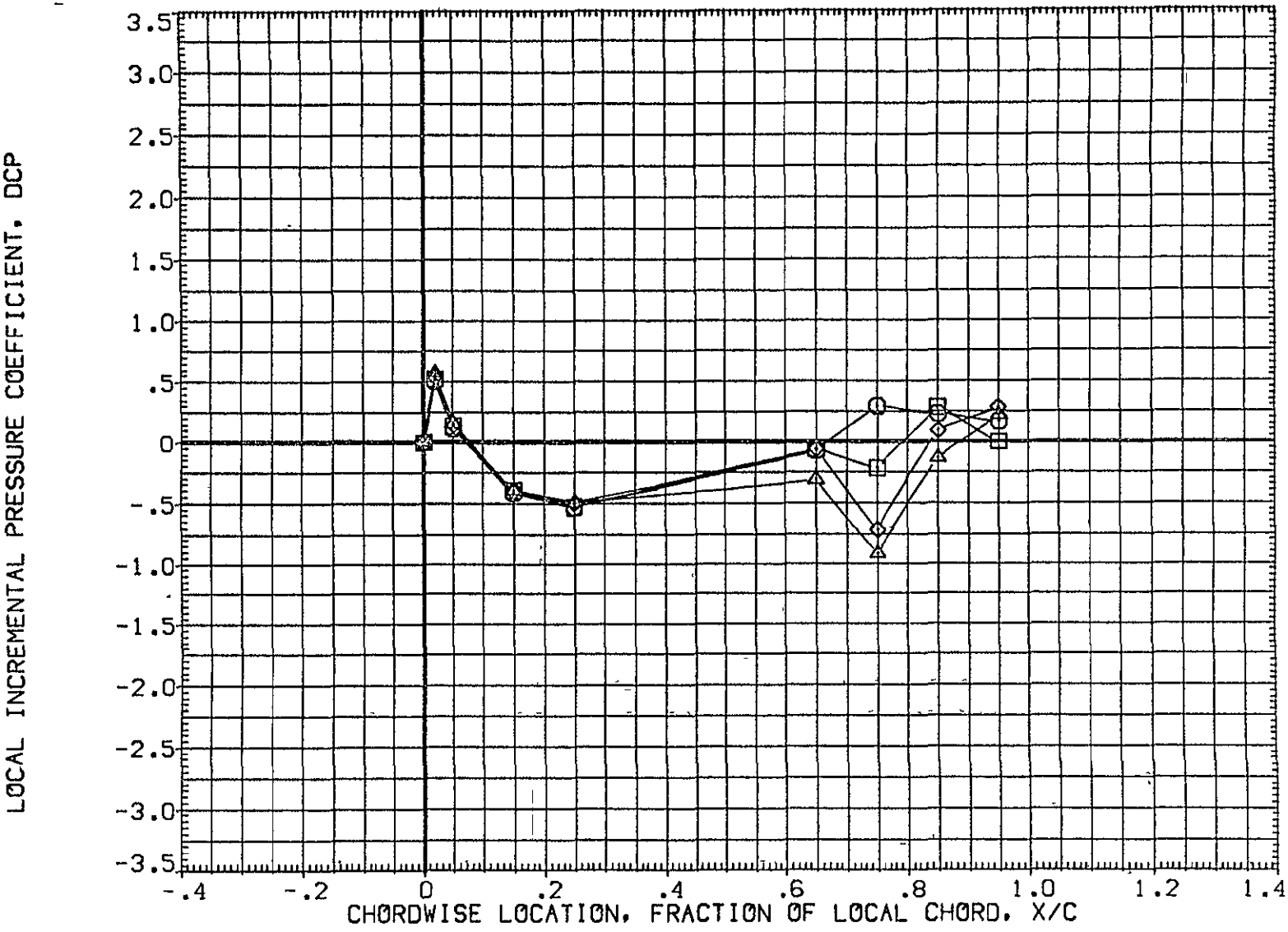

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

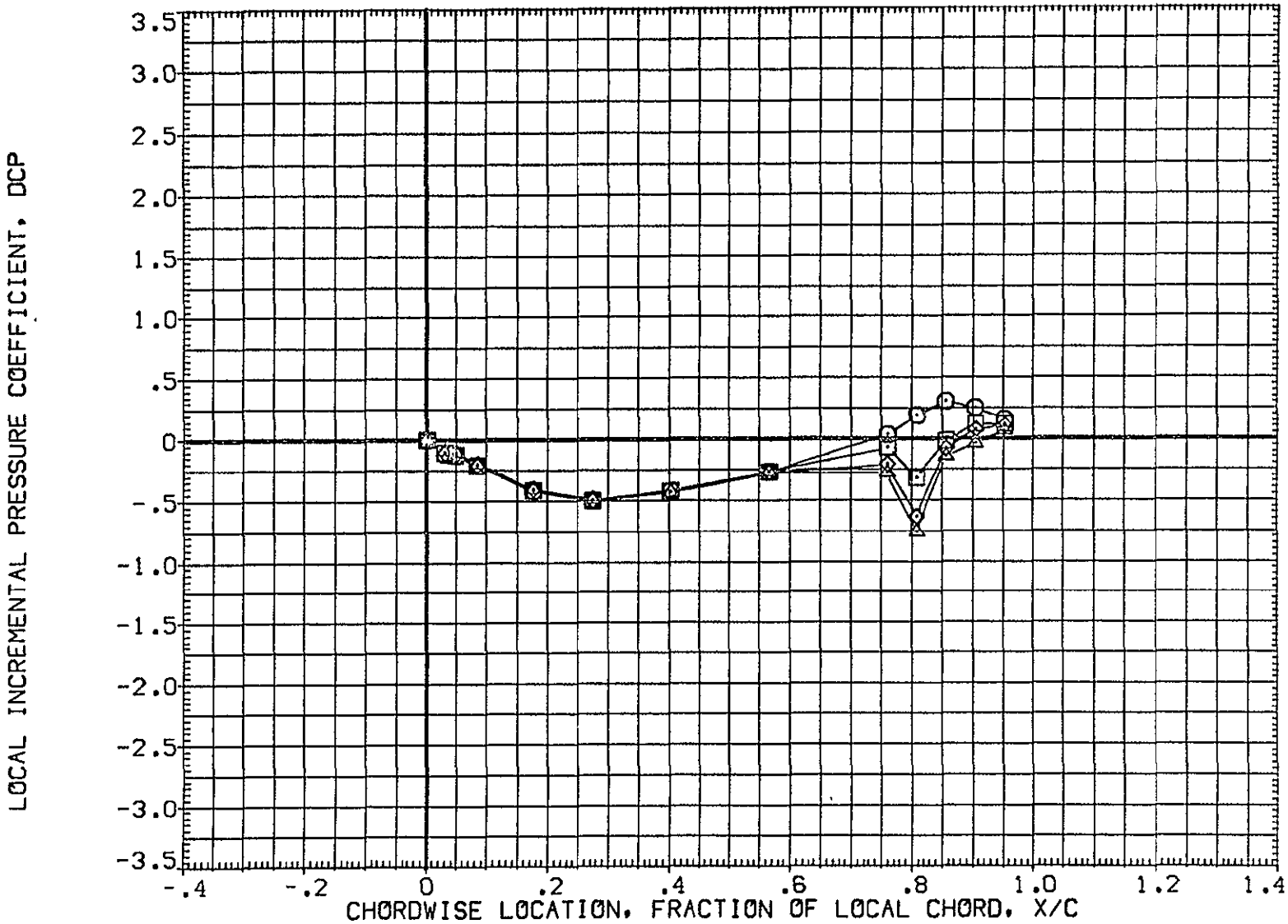

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046) ○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051) □	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056) ◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061) △	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

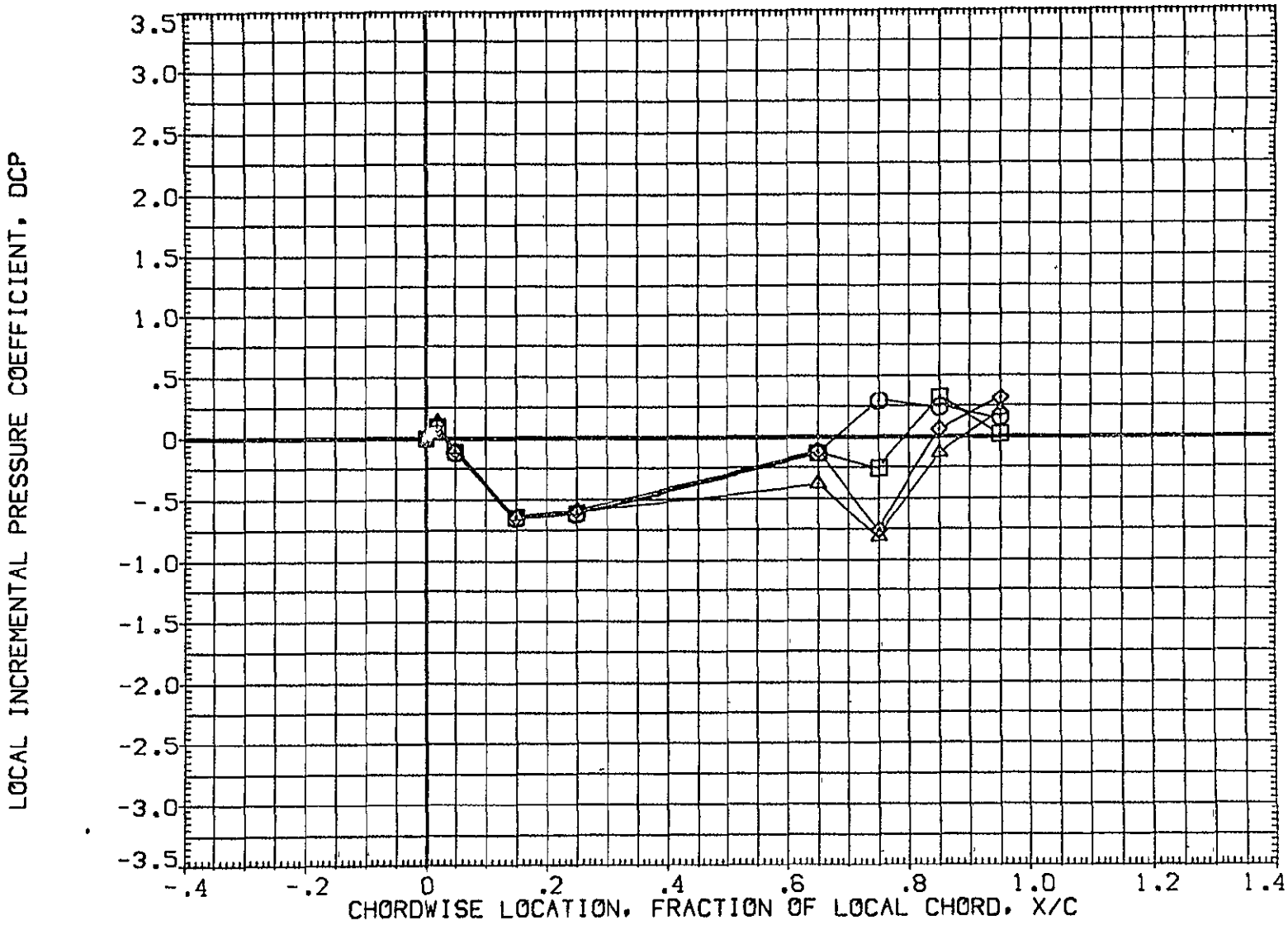

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

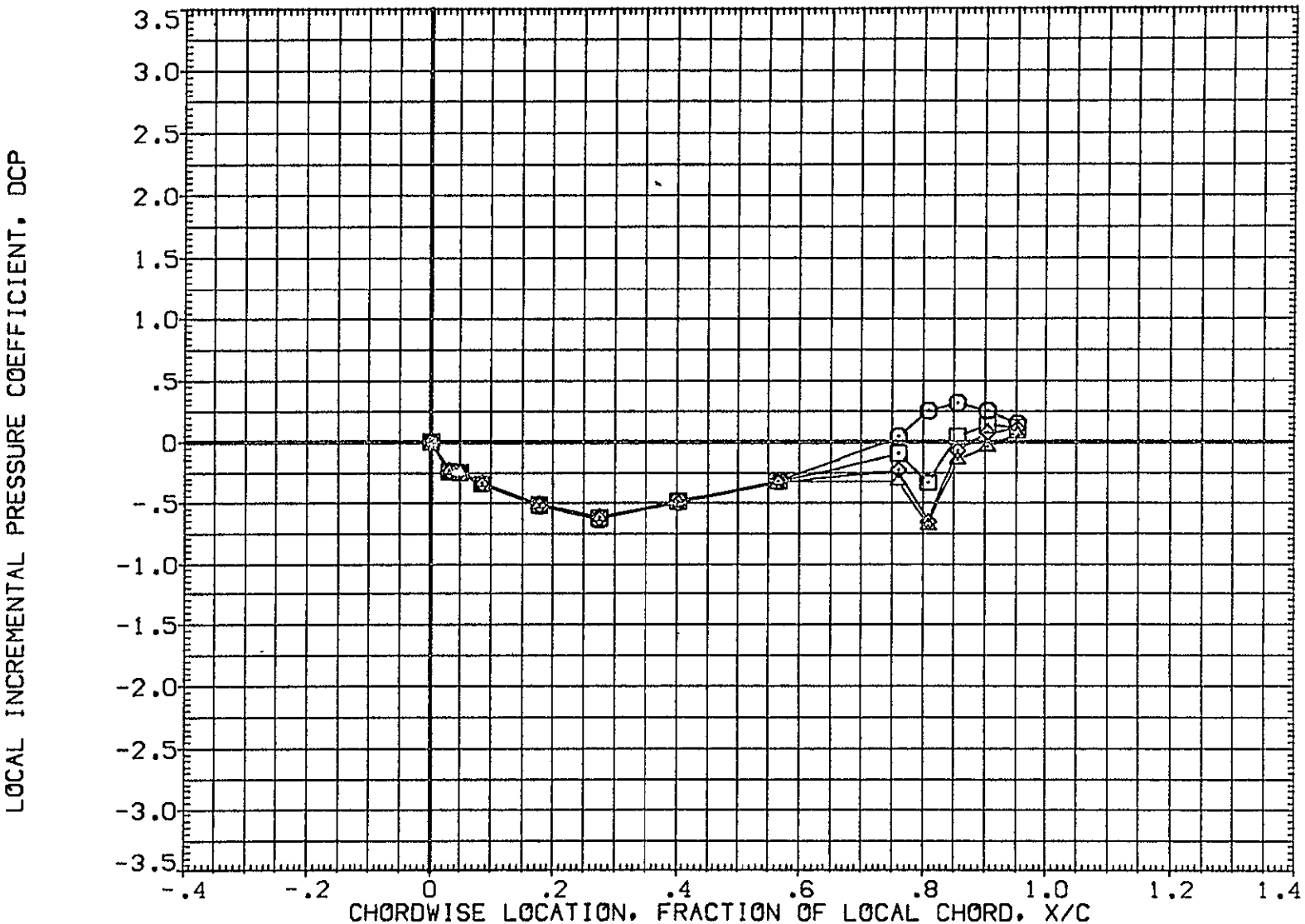

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

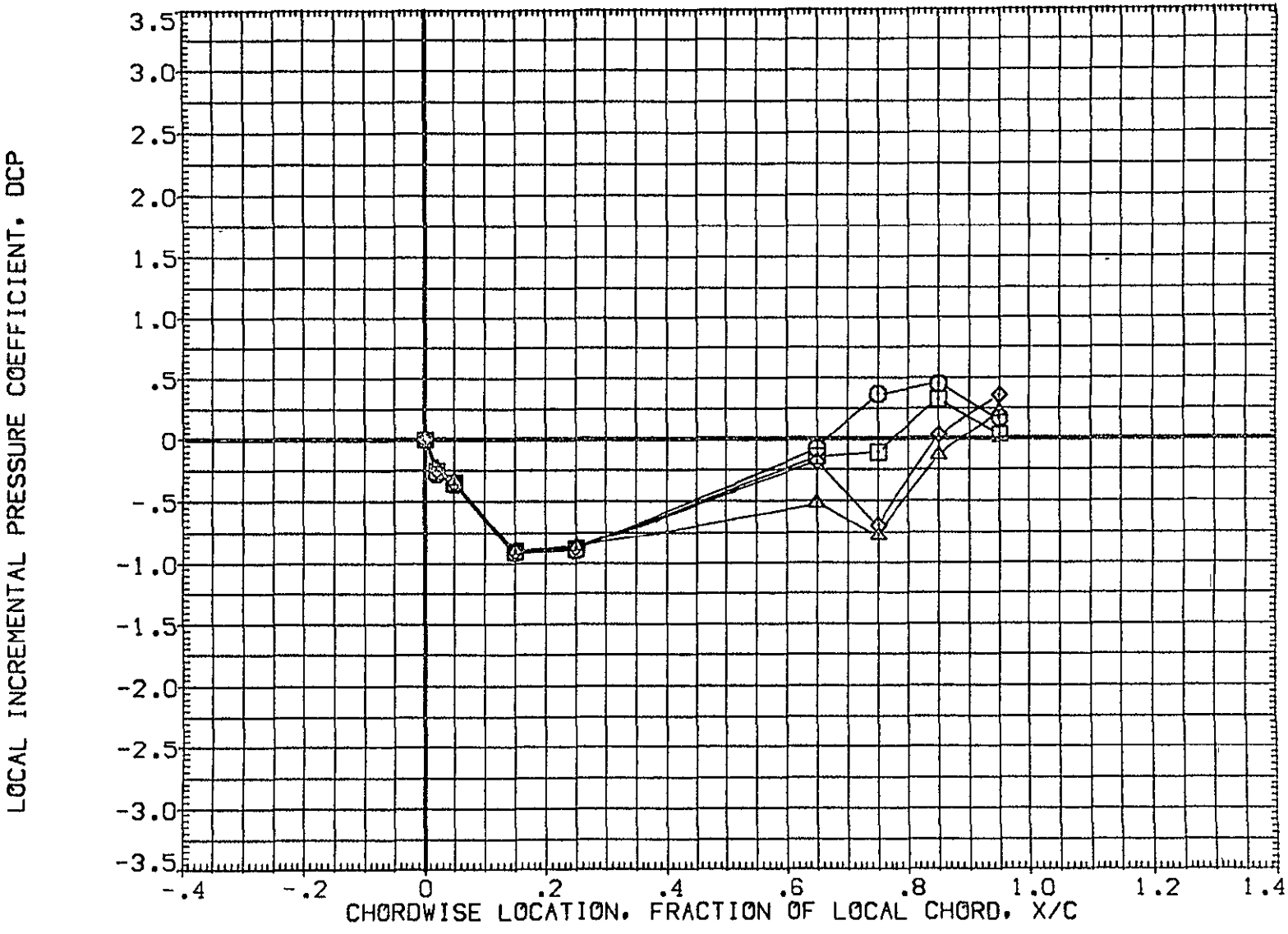

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056)	⊠	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

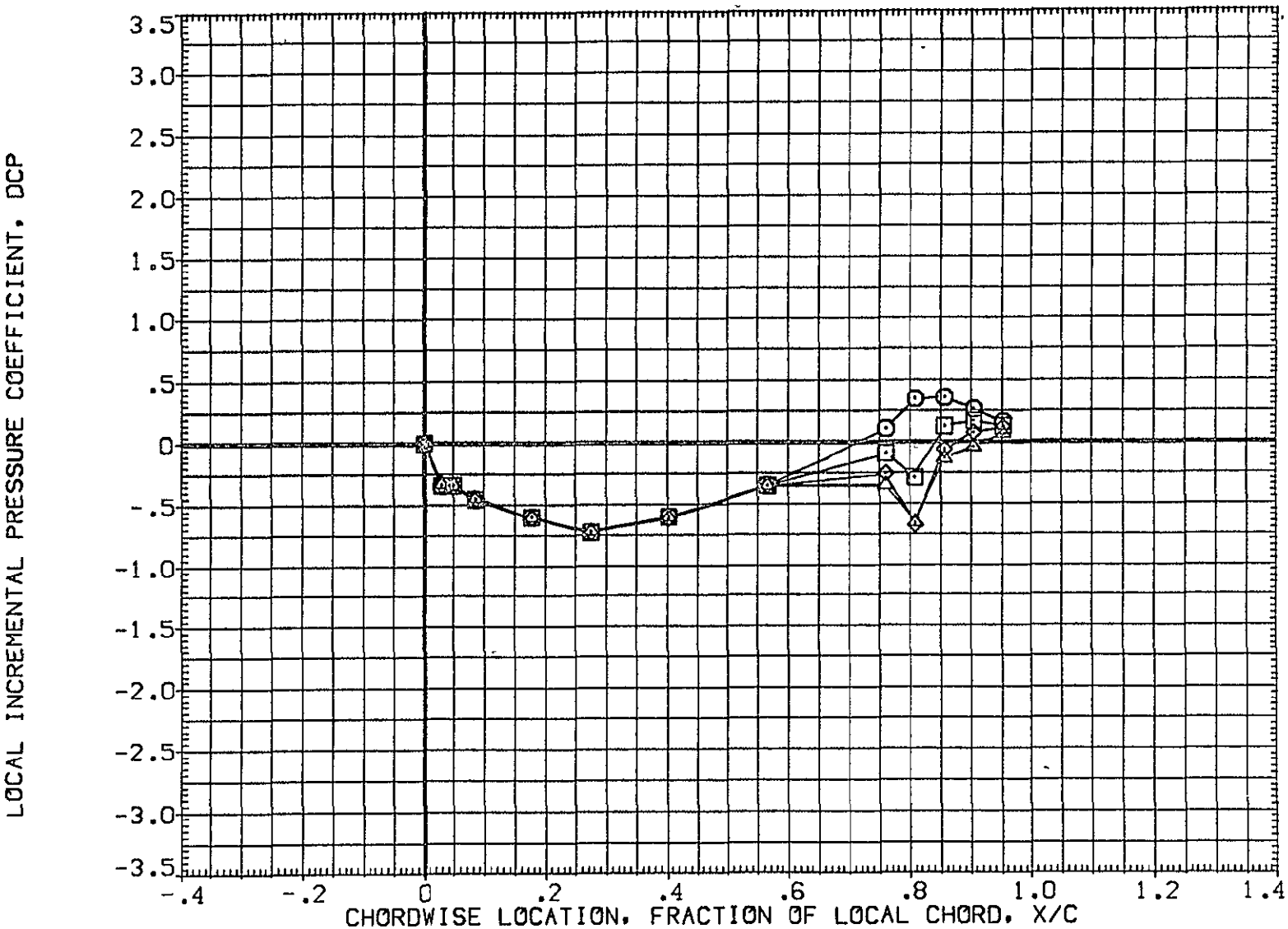

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046) ○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051) □	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056) ◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061) △	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

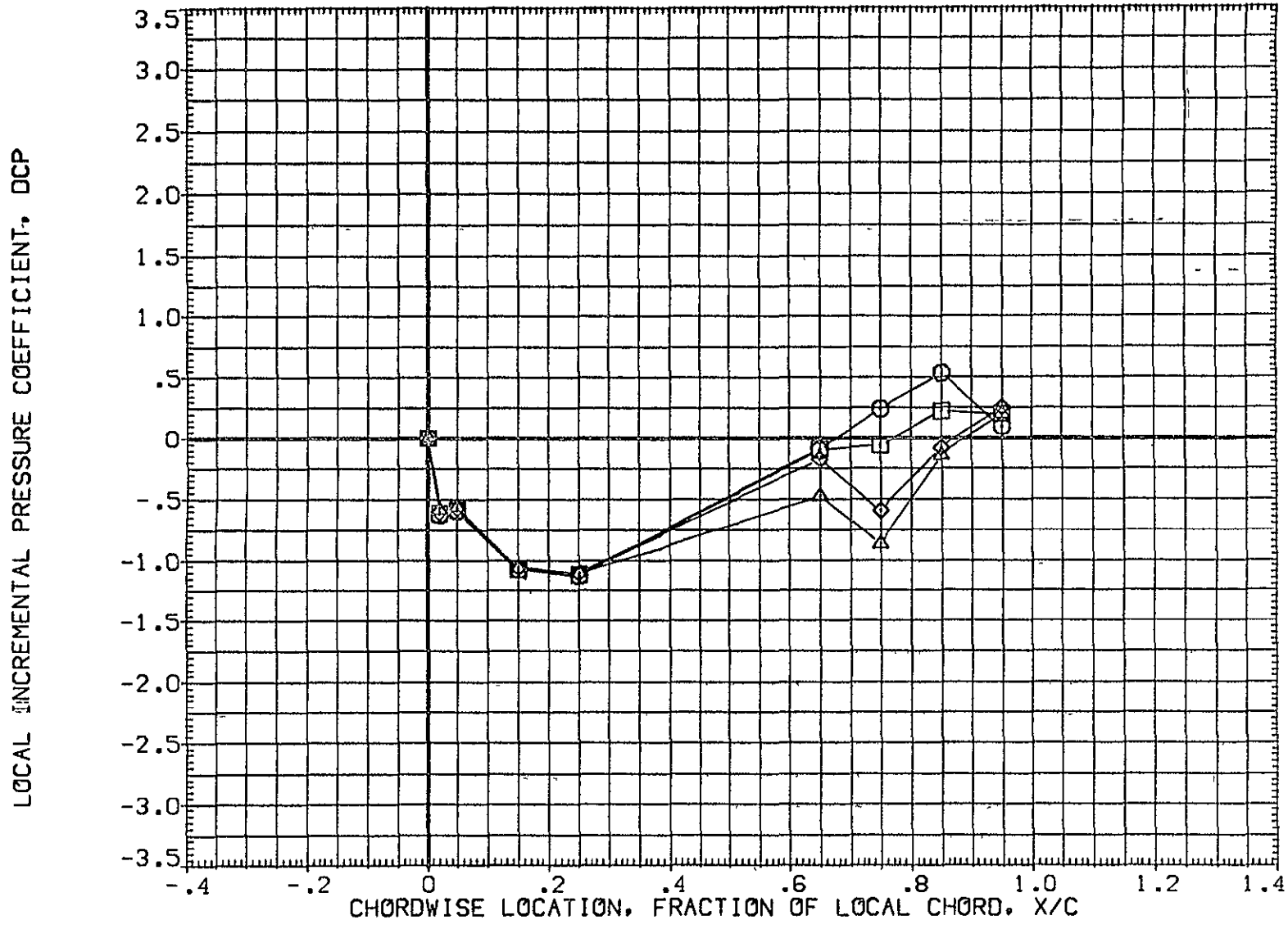

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

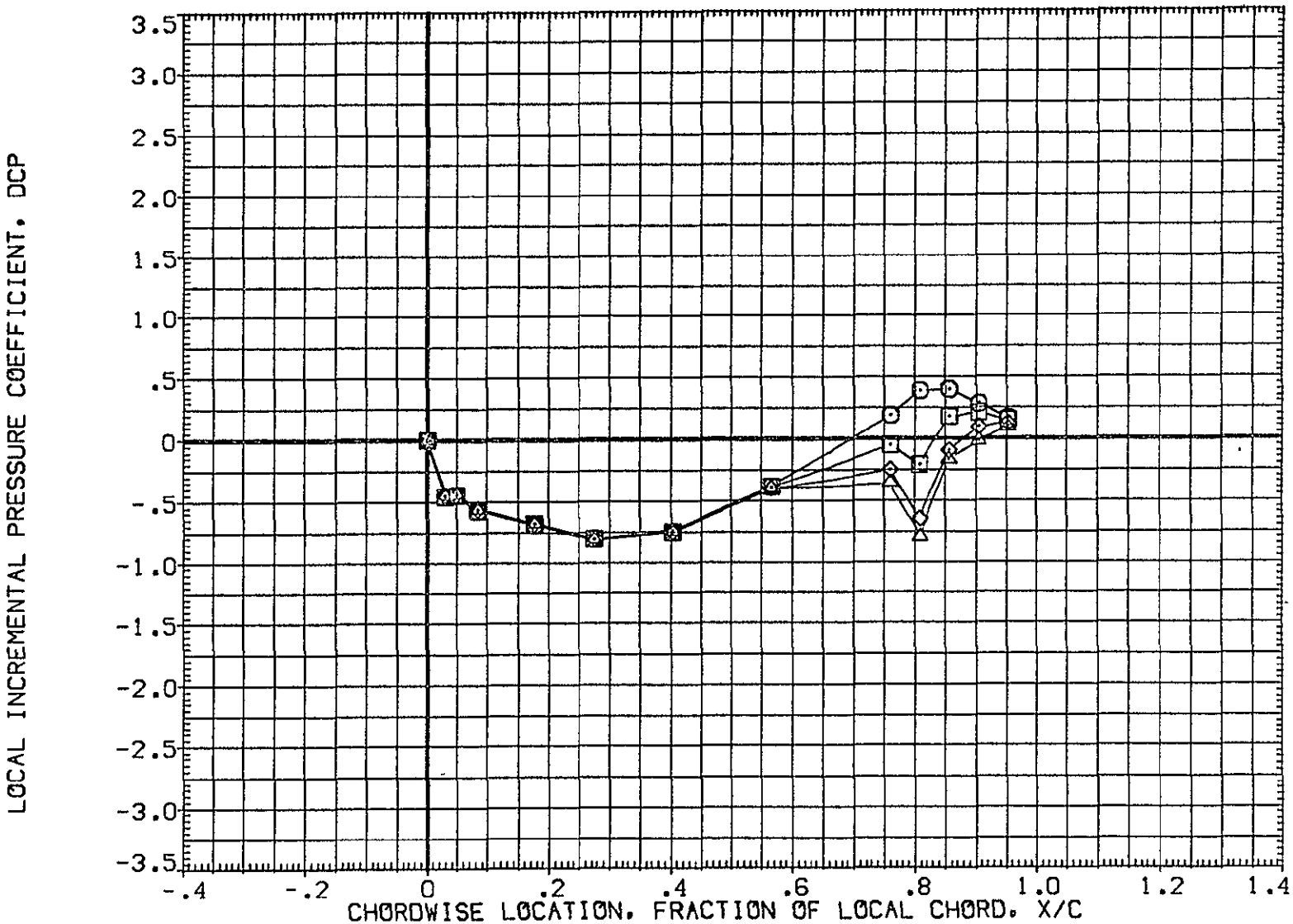

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

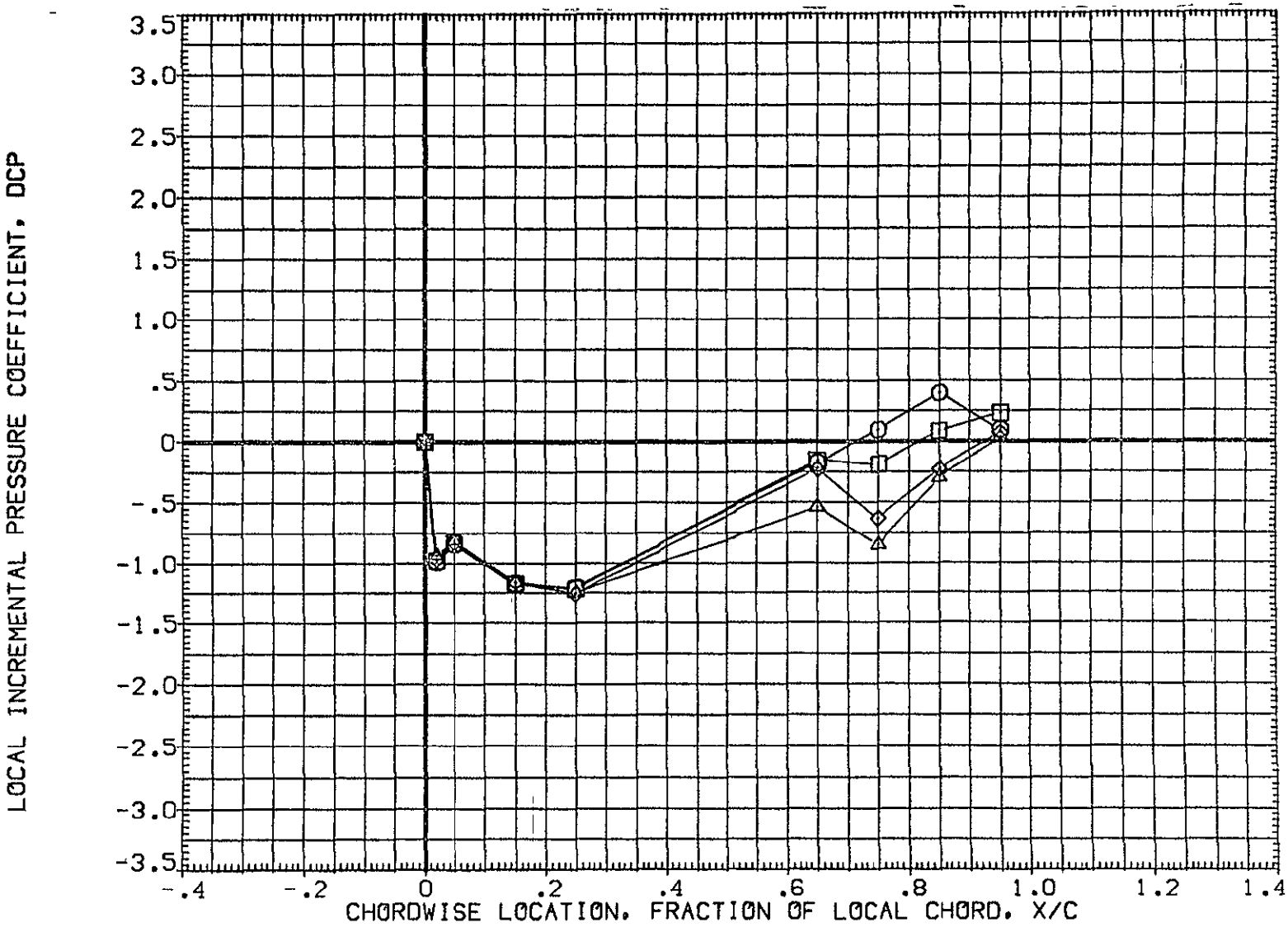

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

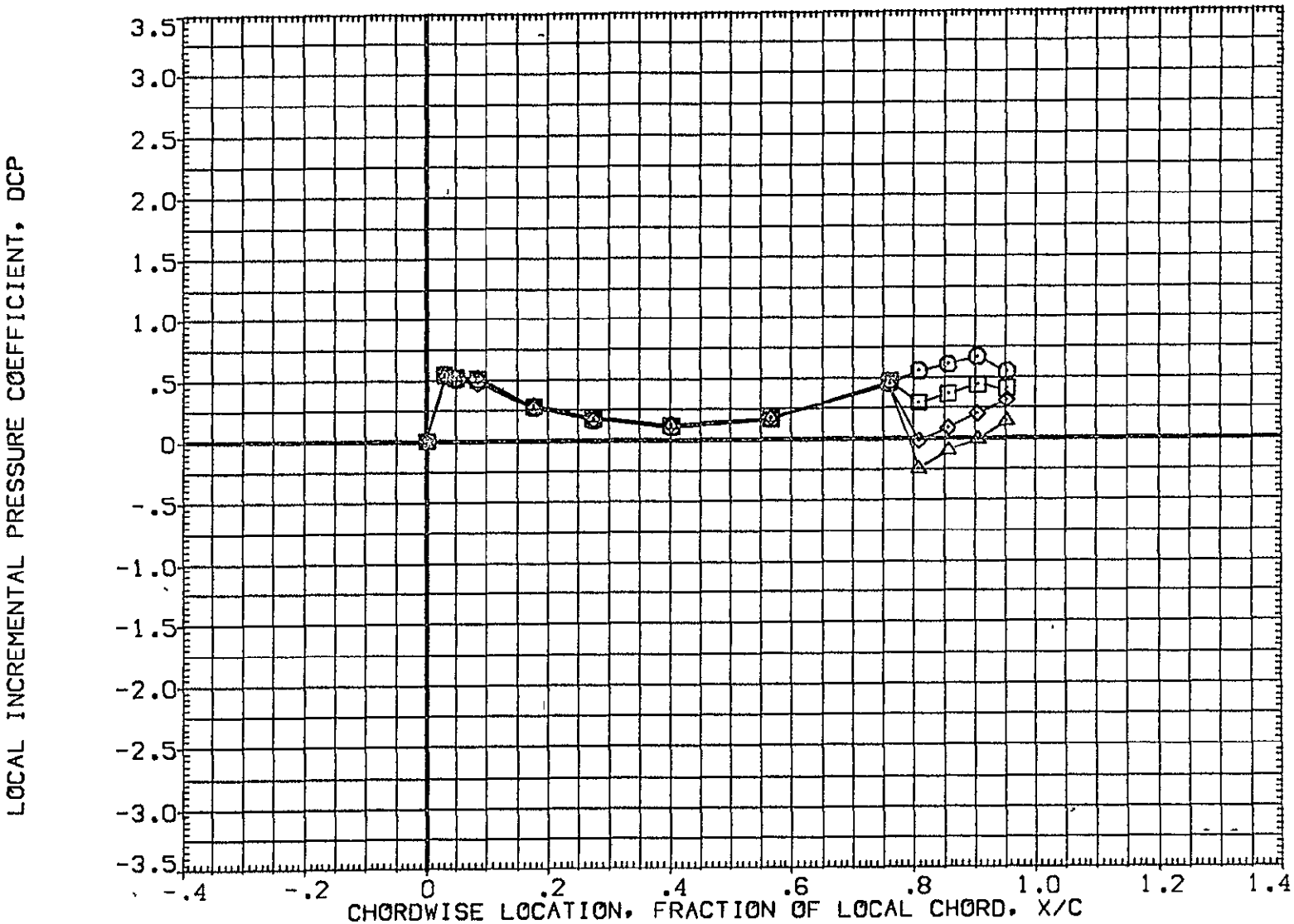

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	⋈	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

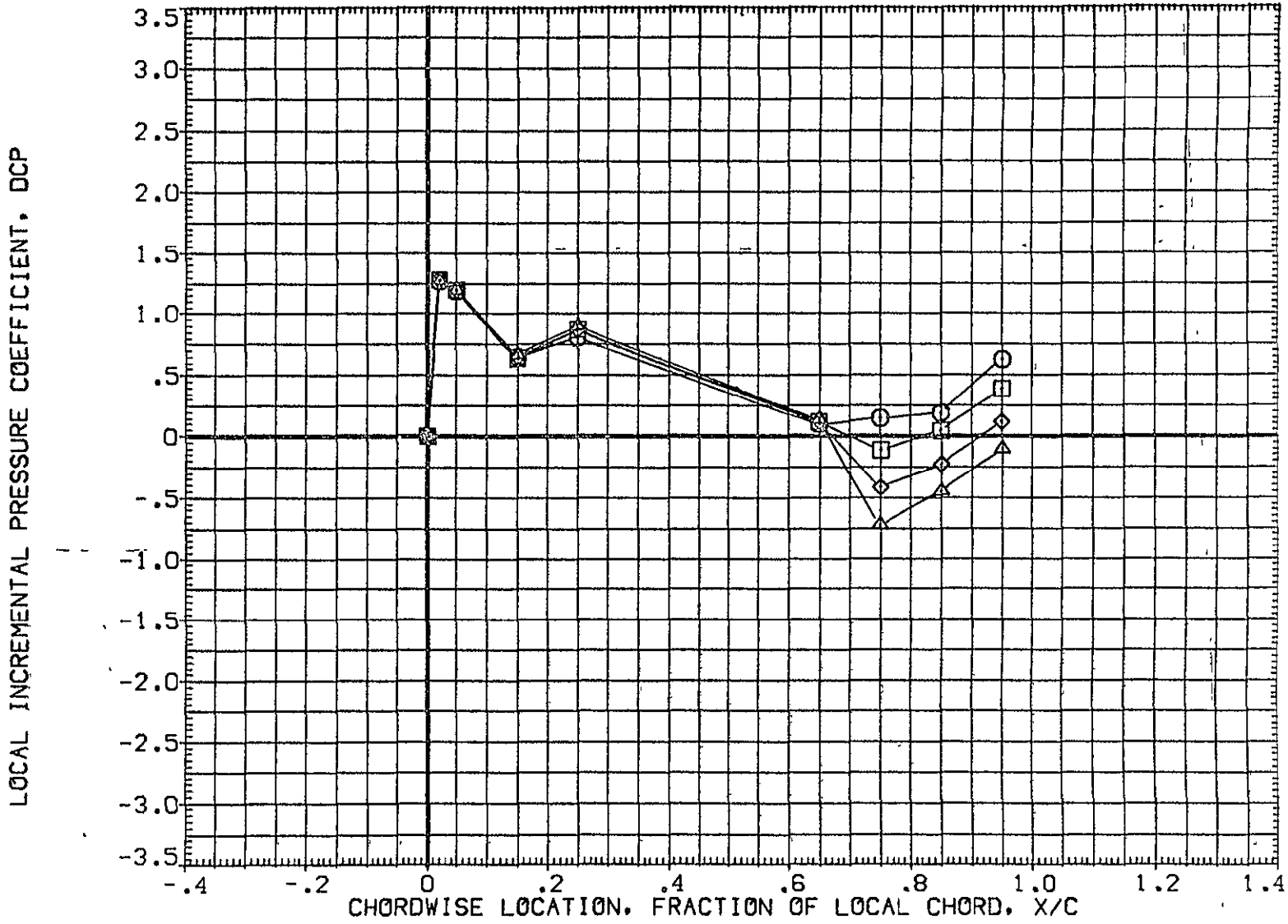

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

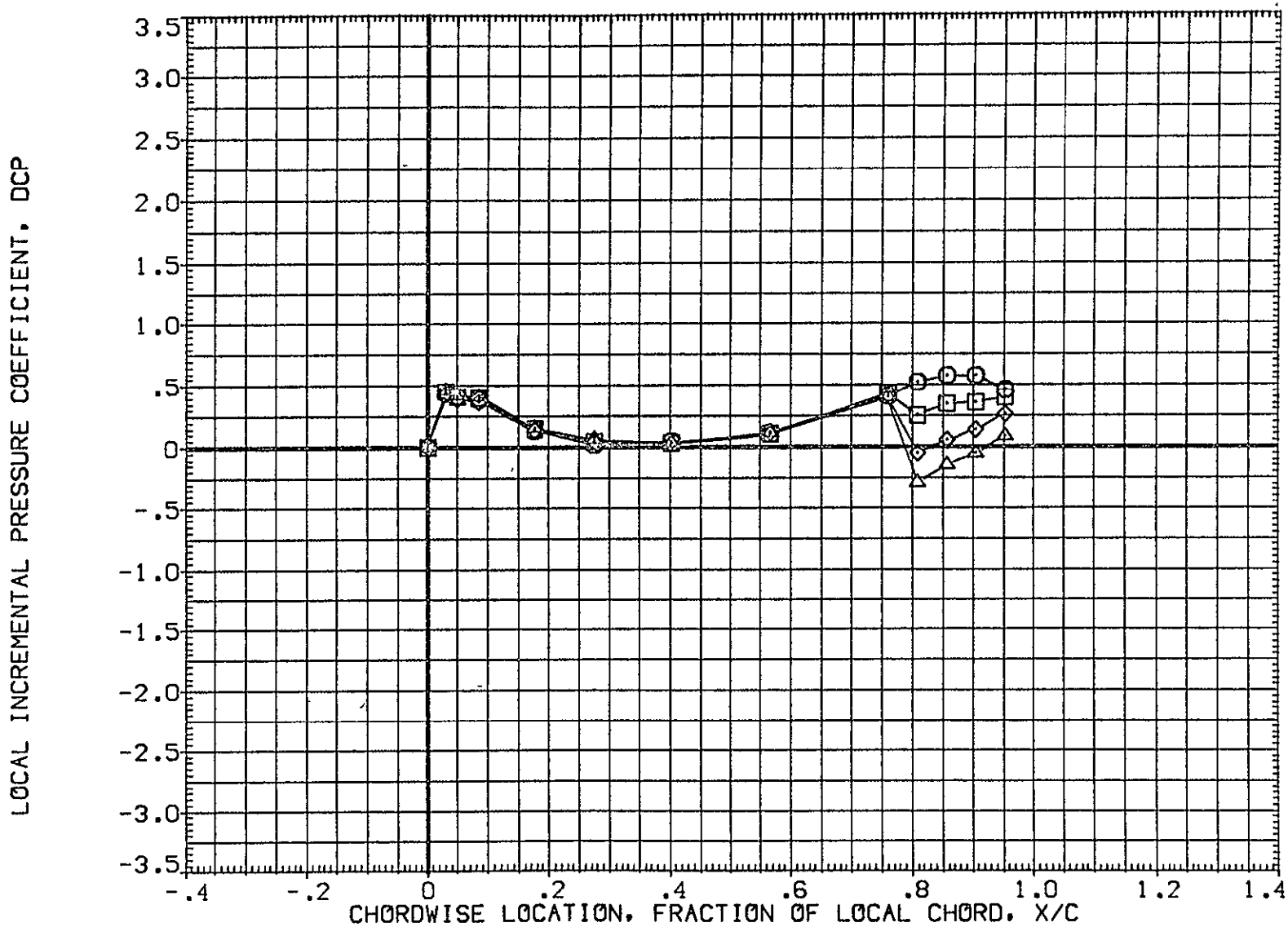

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

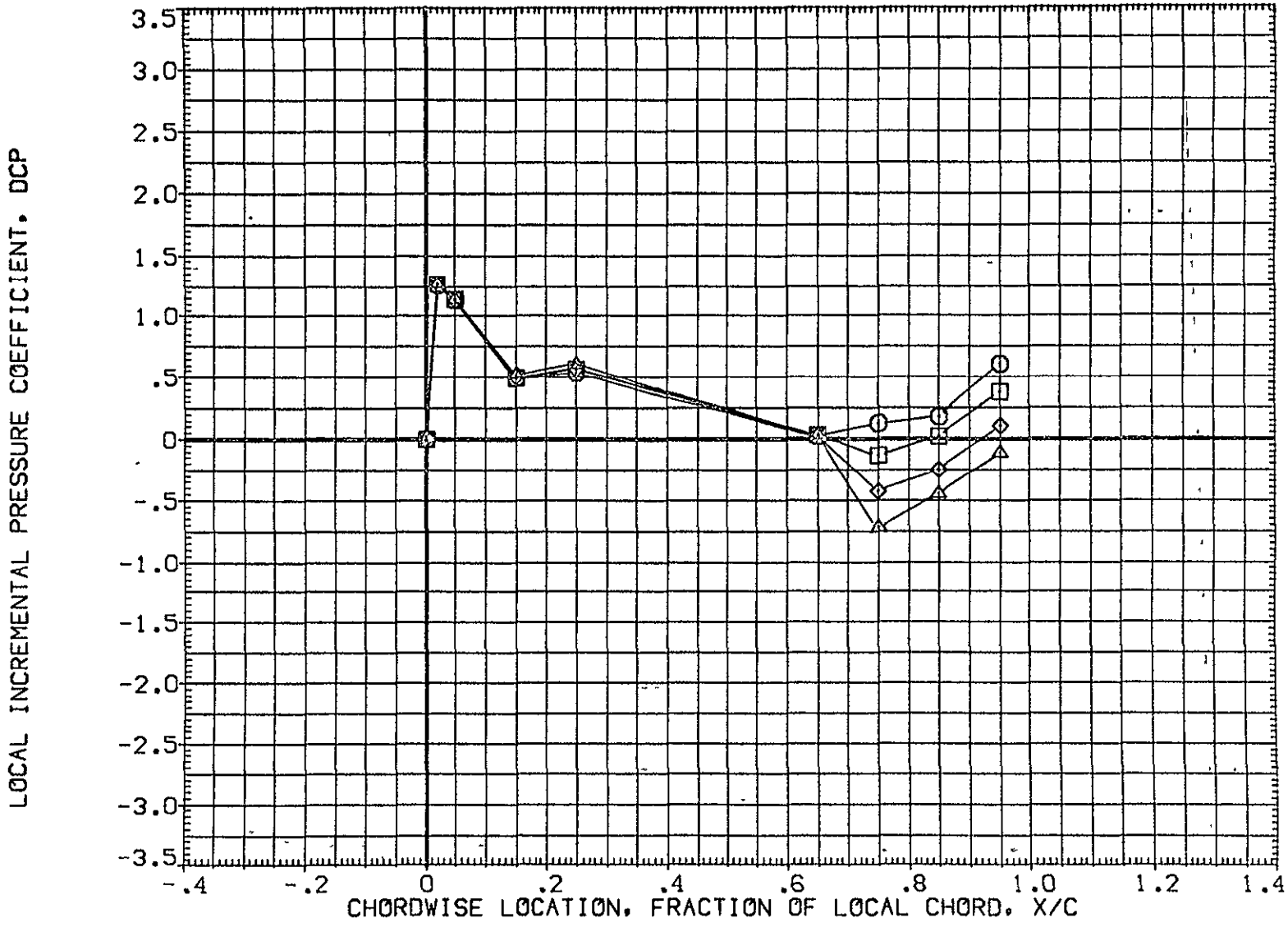

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

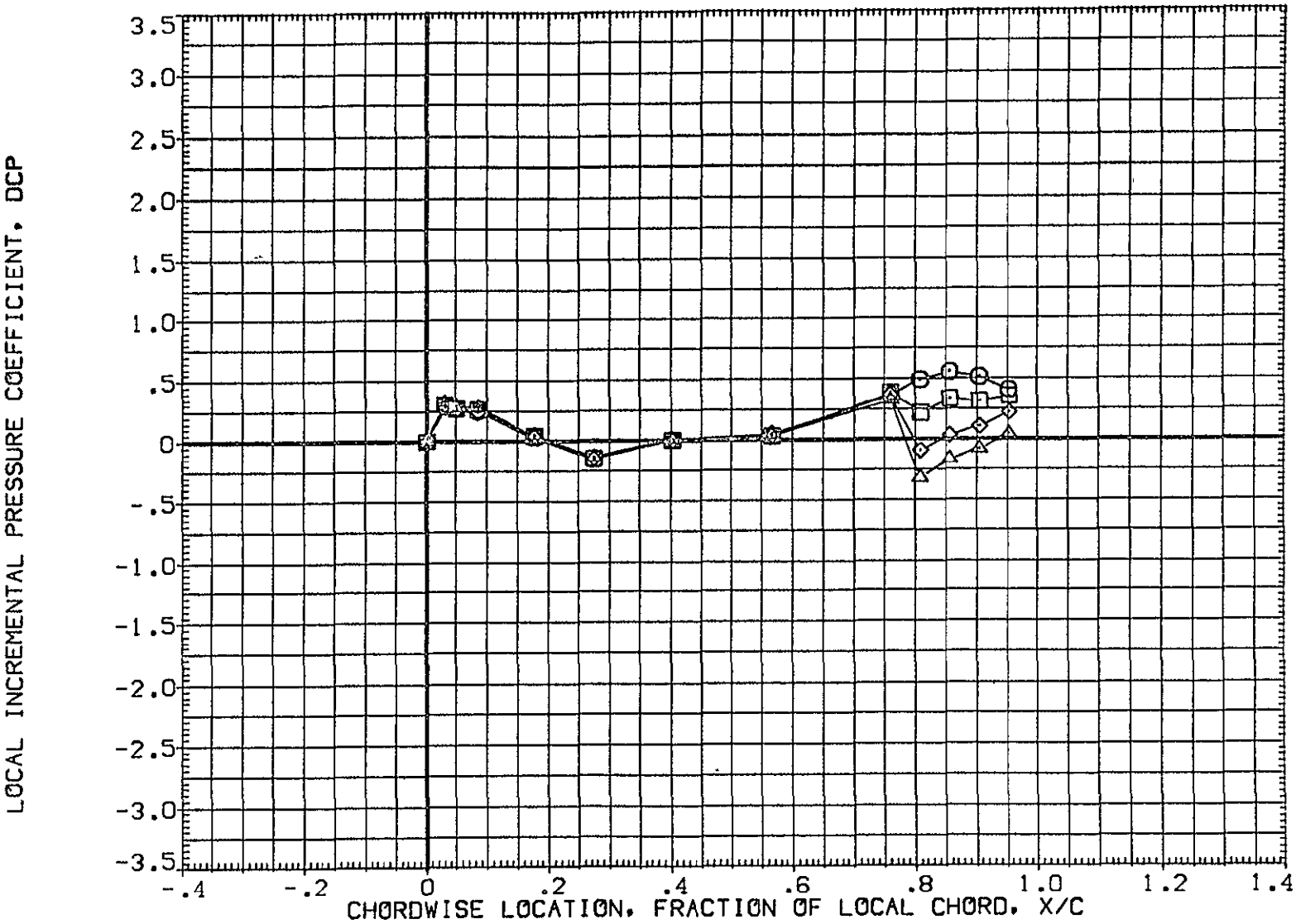

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

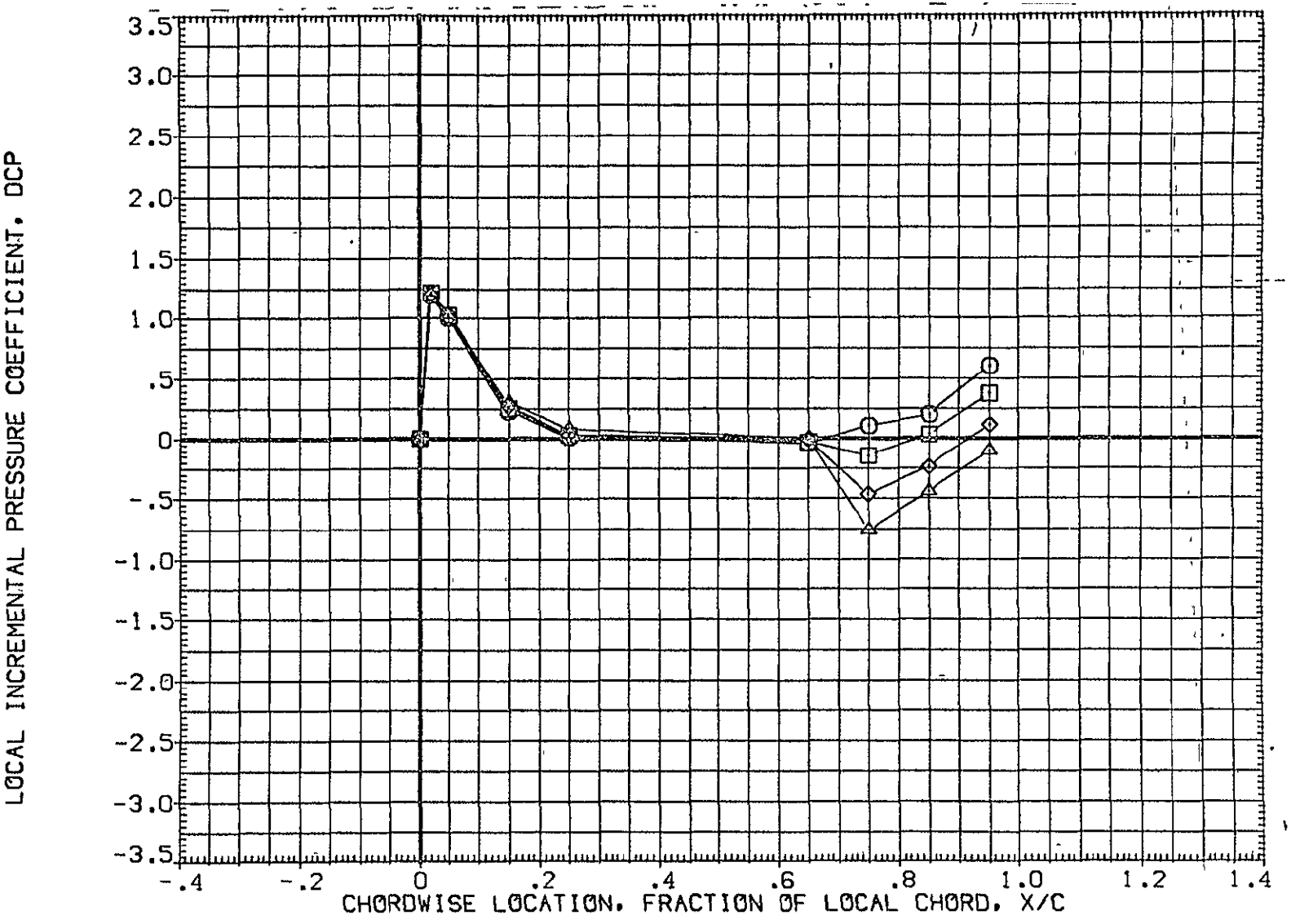

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

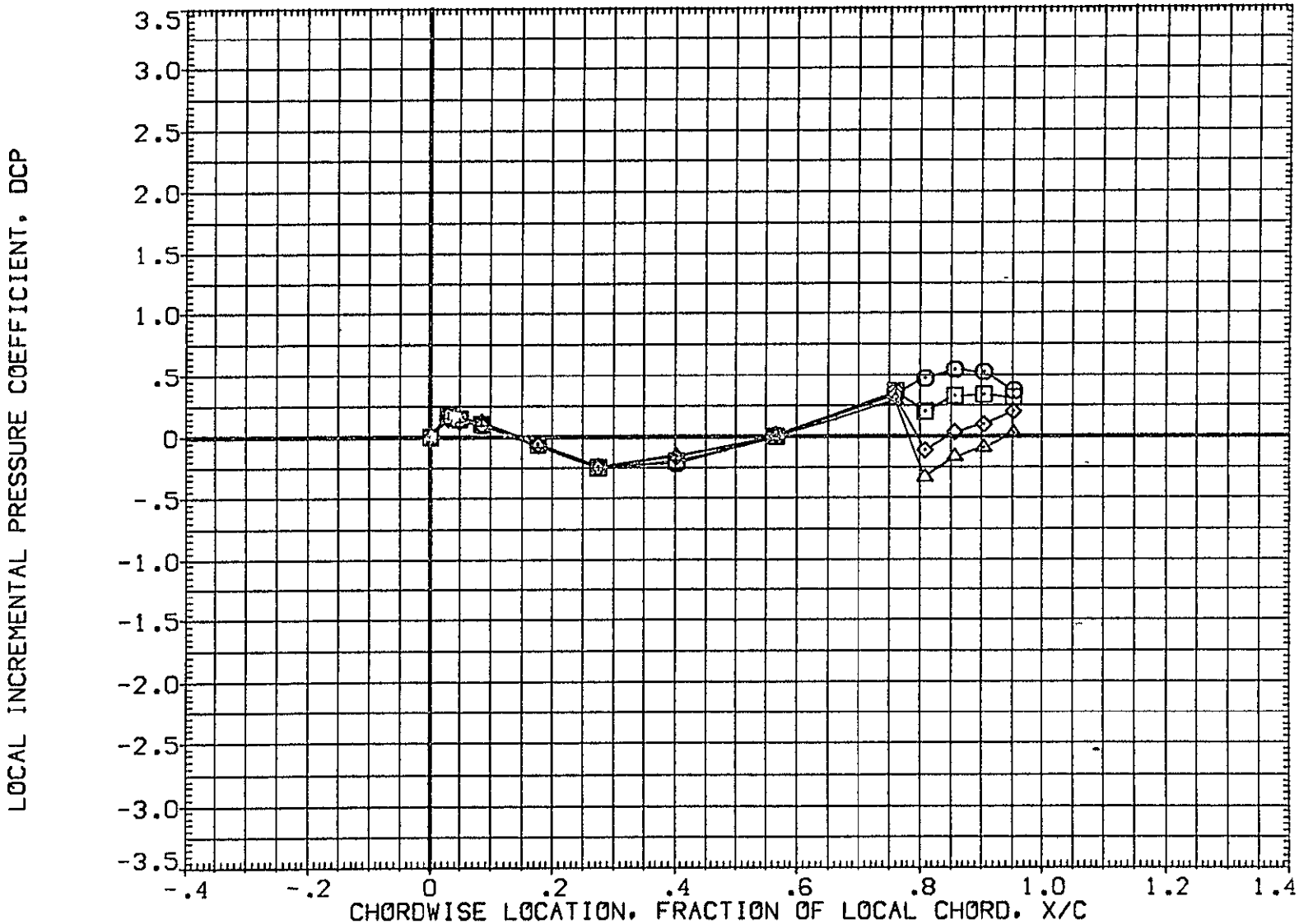

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

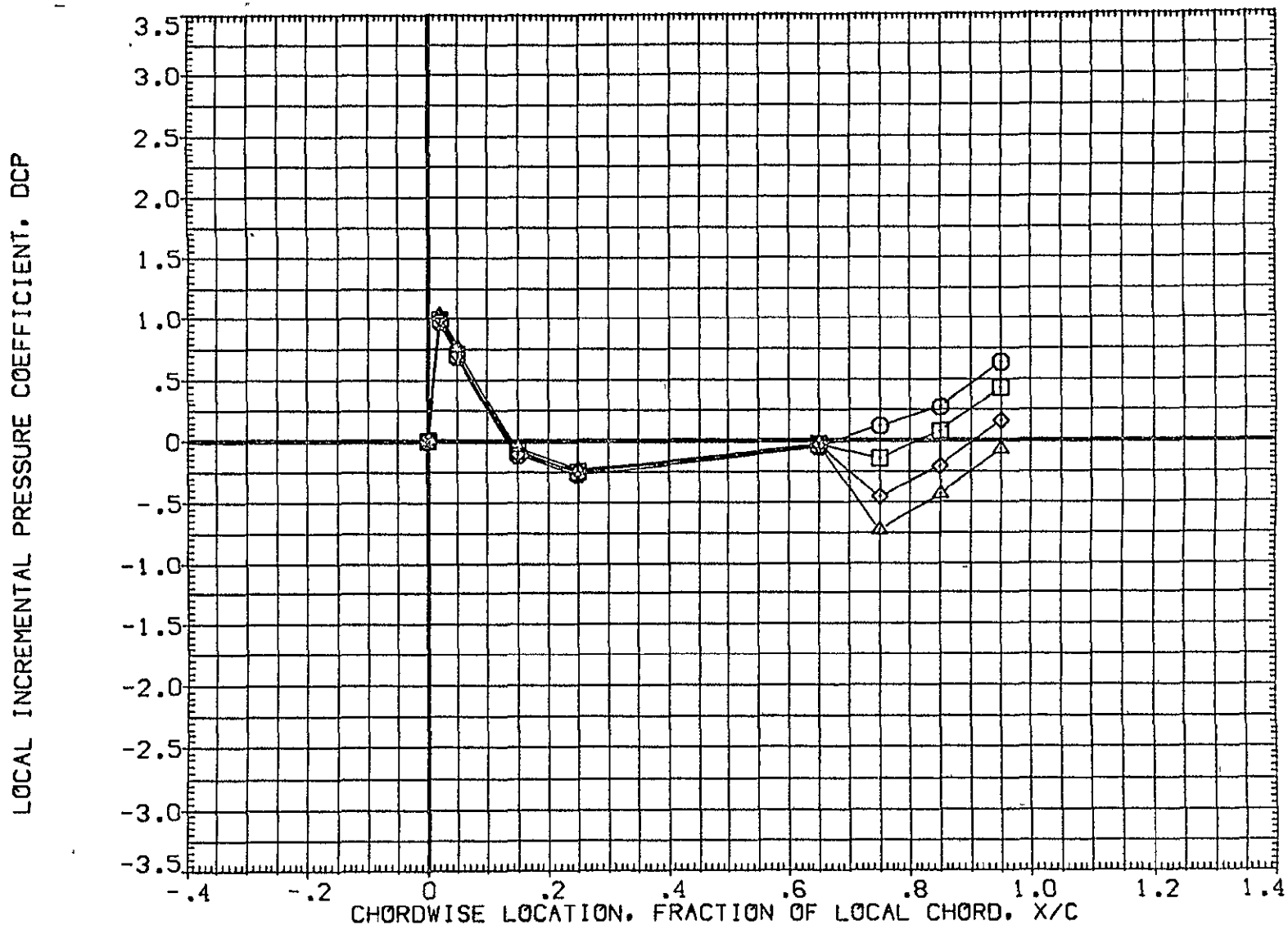

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

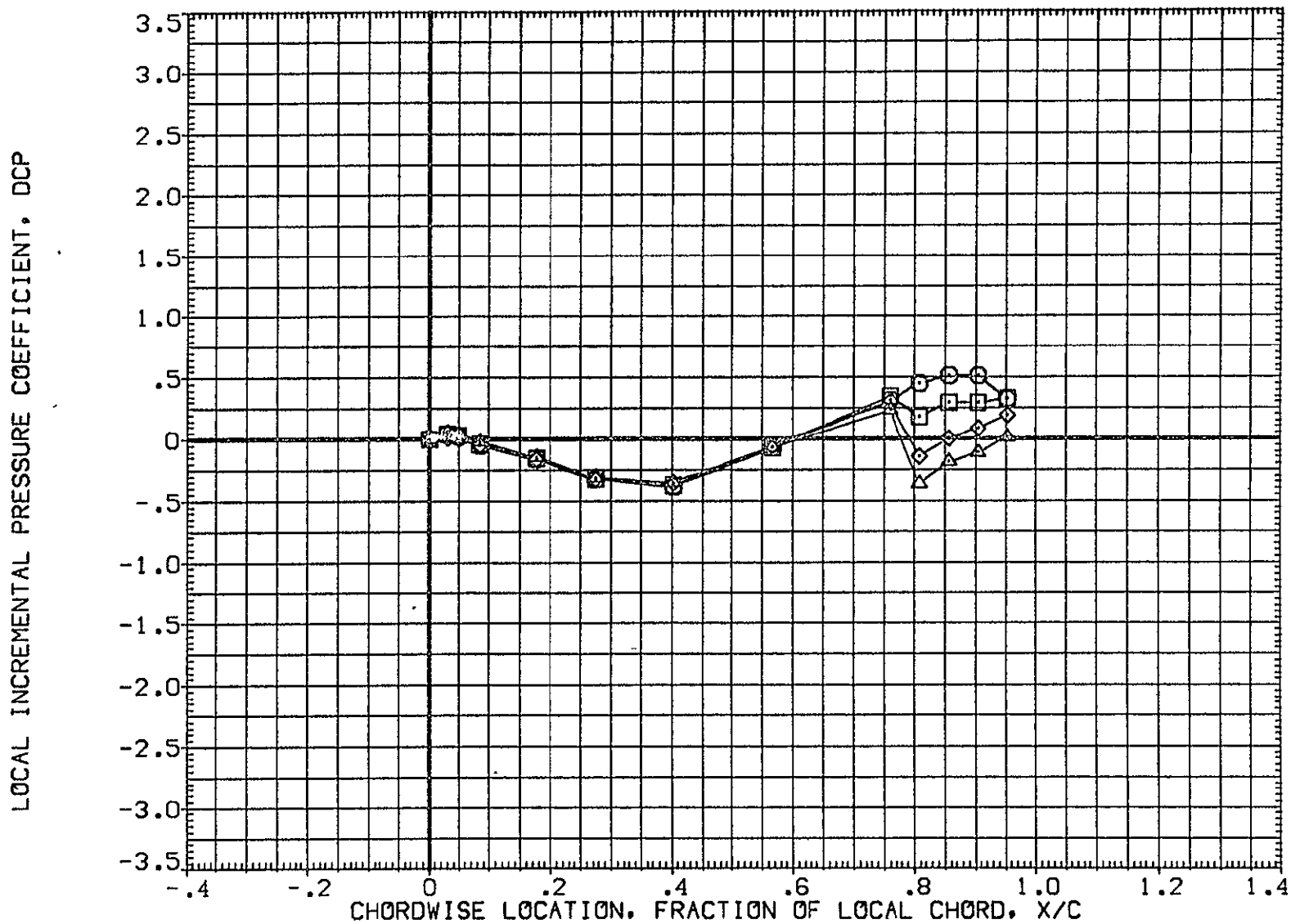

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

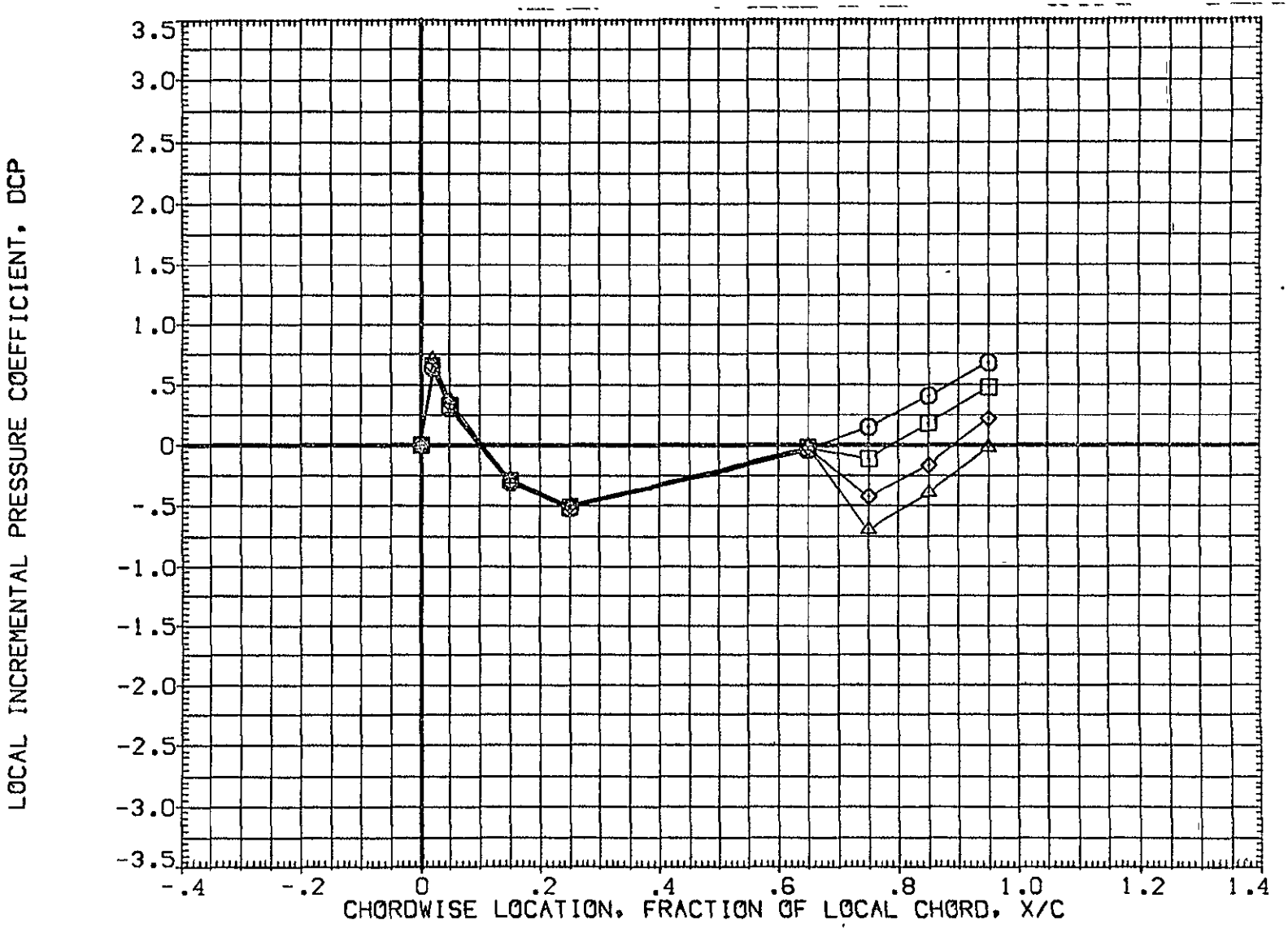

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

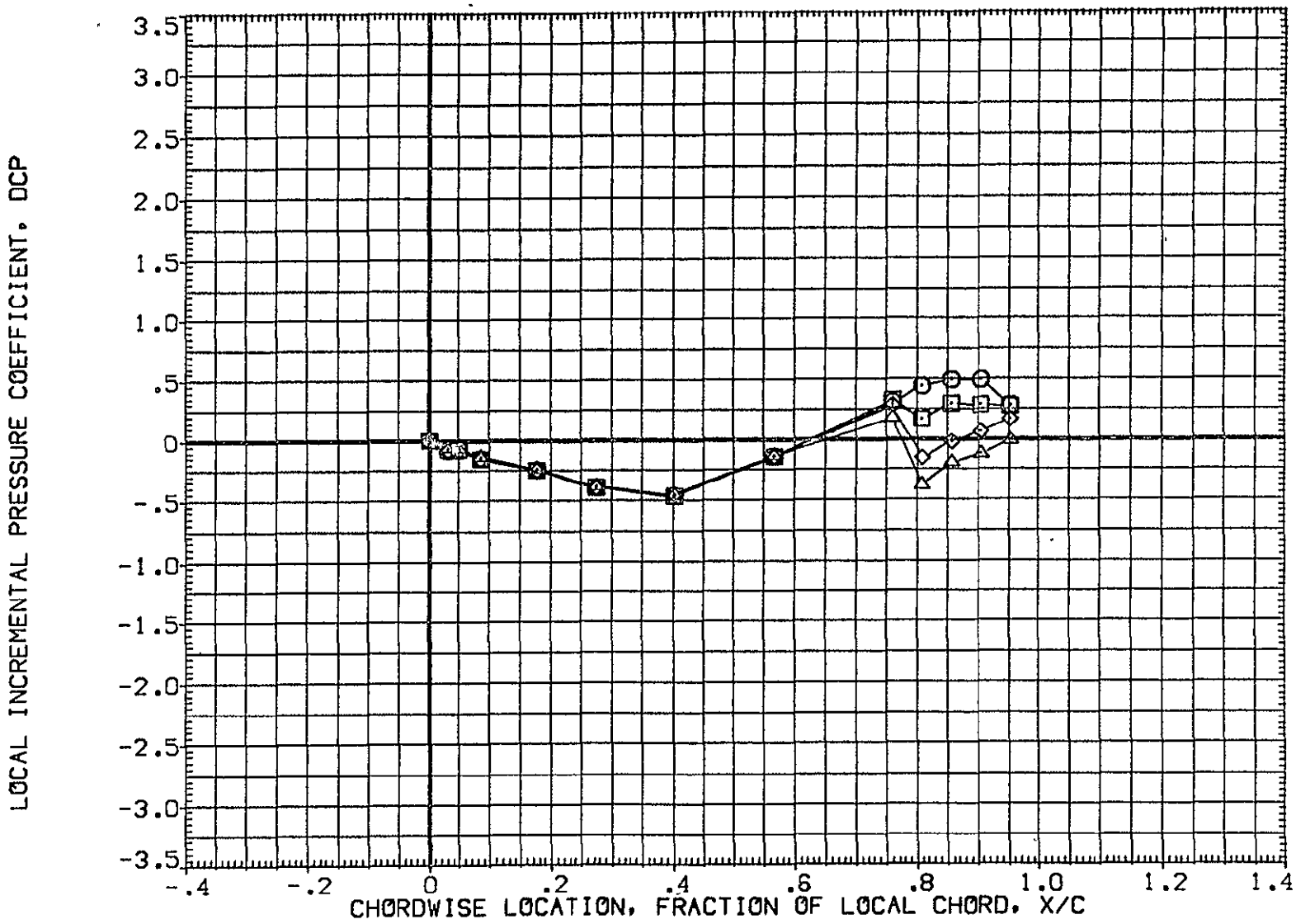

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

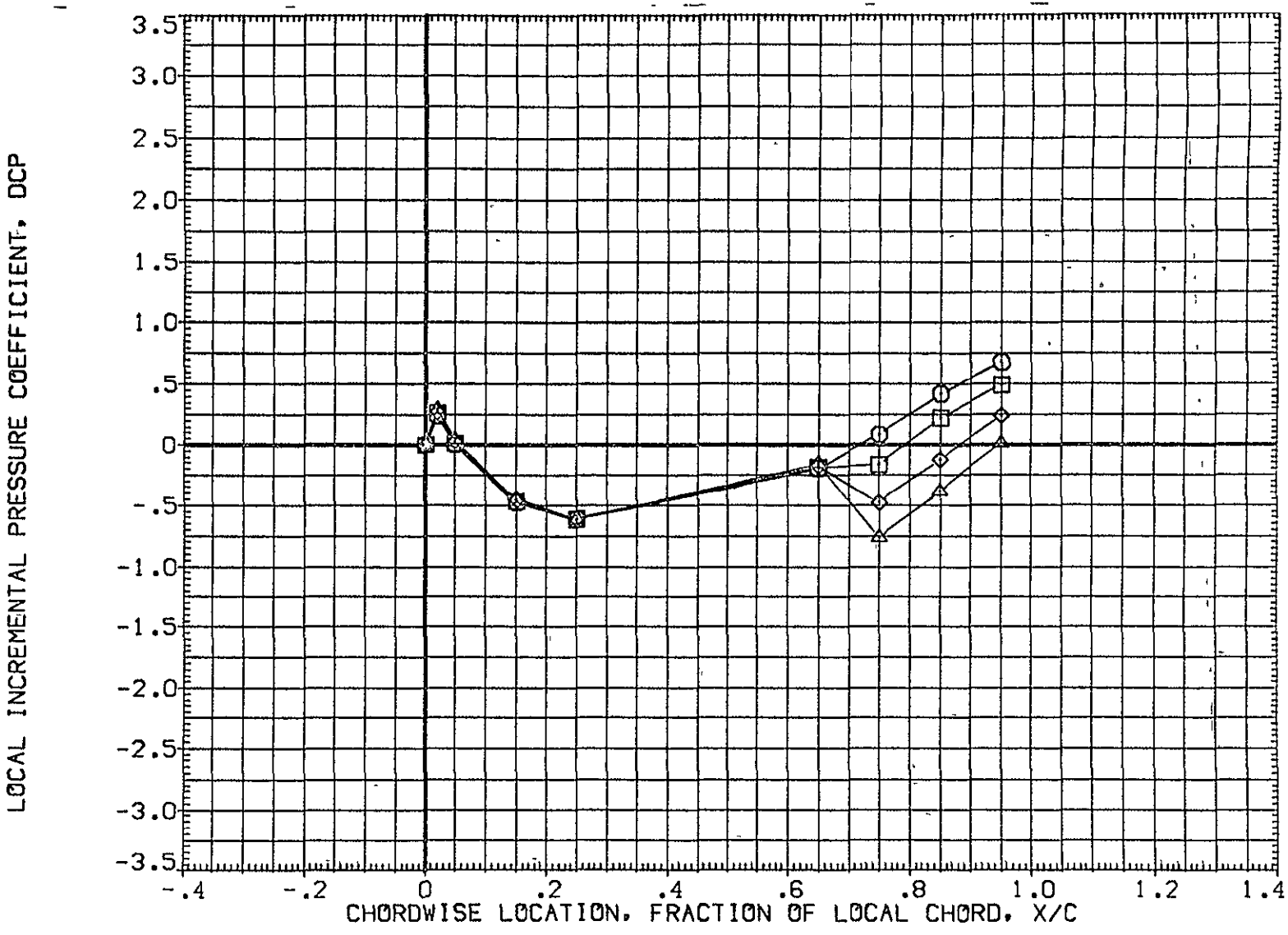

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

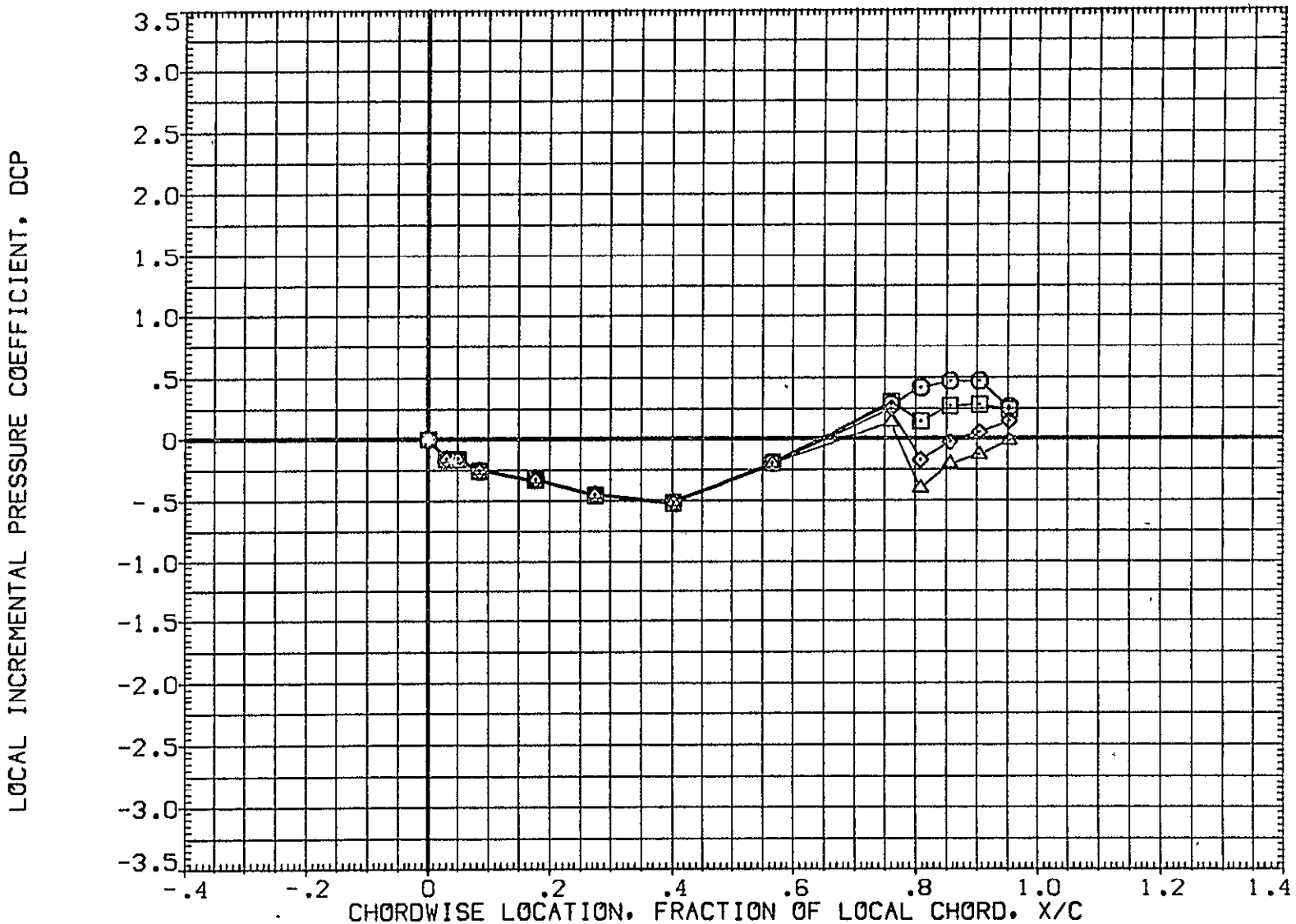

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

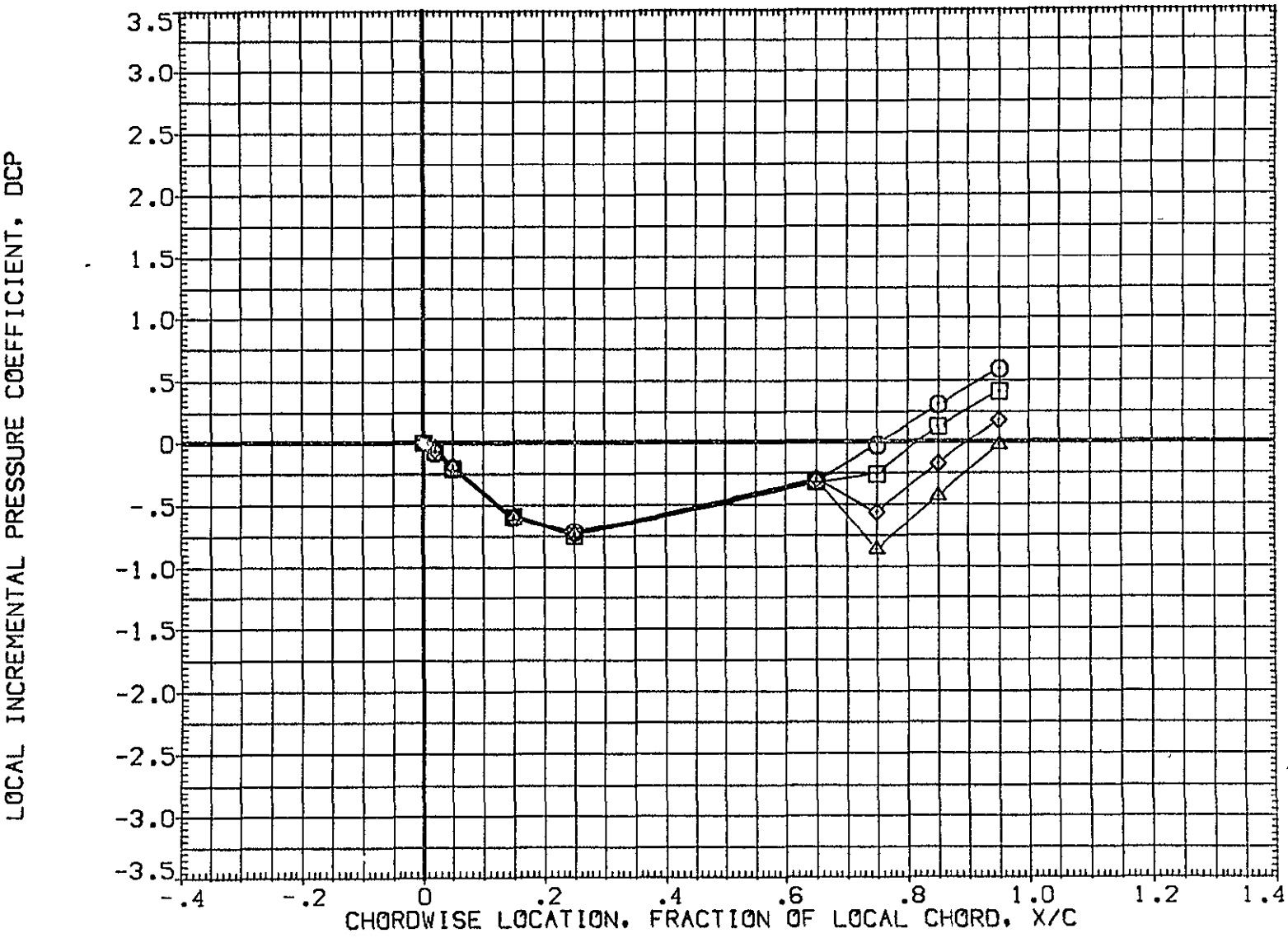

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

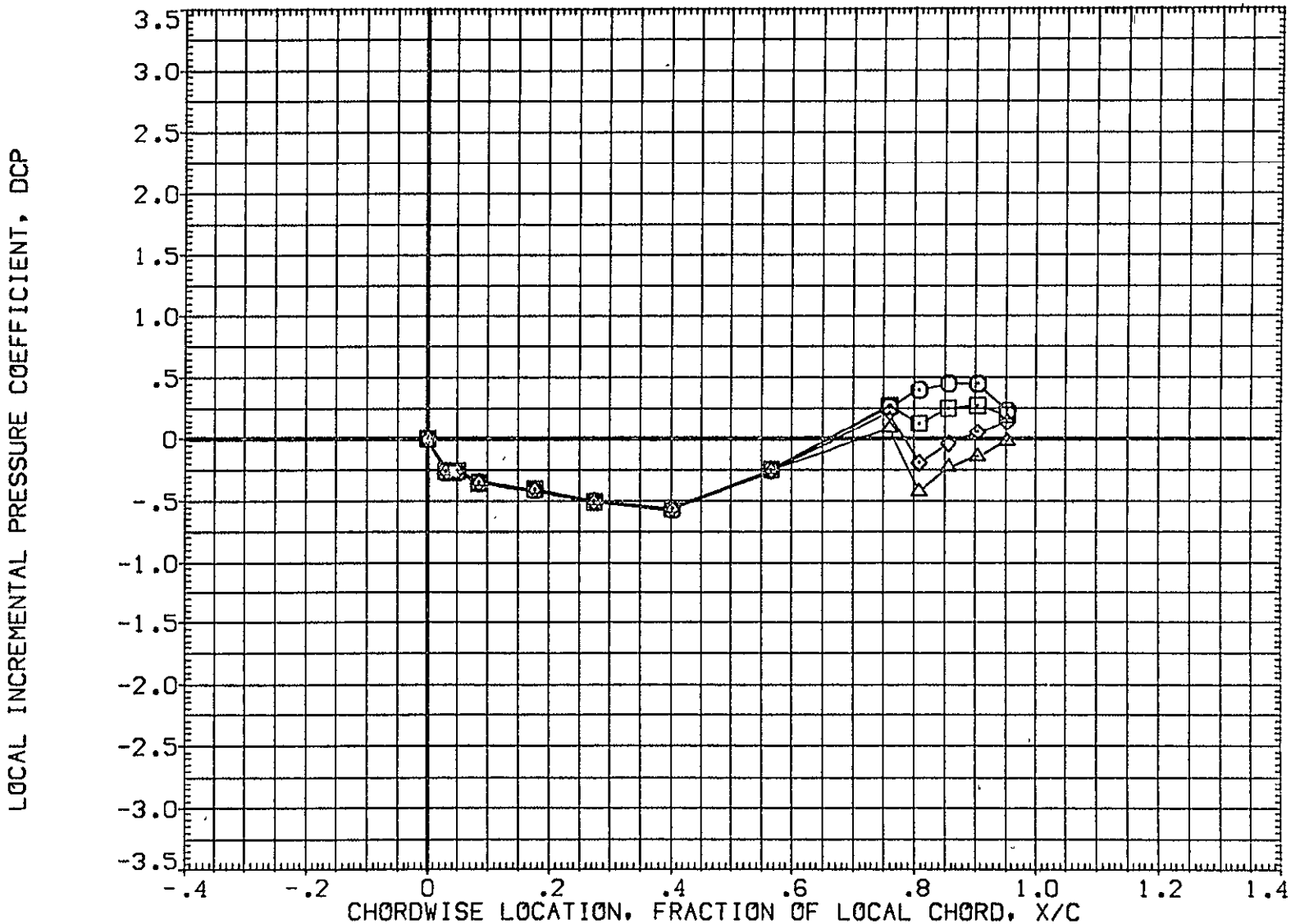

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

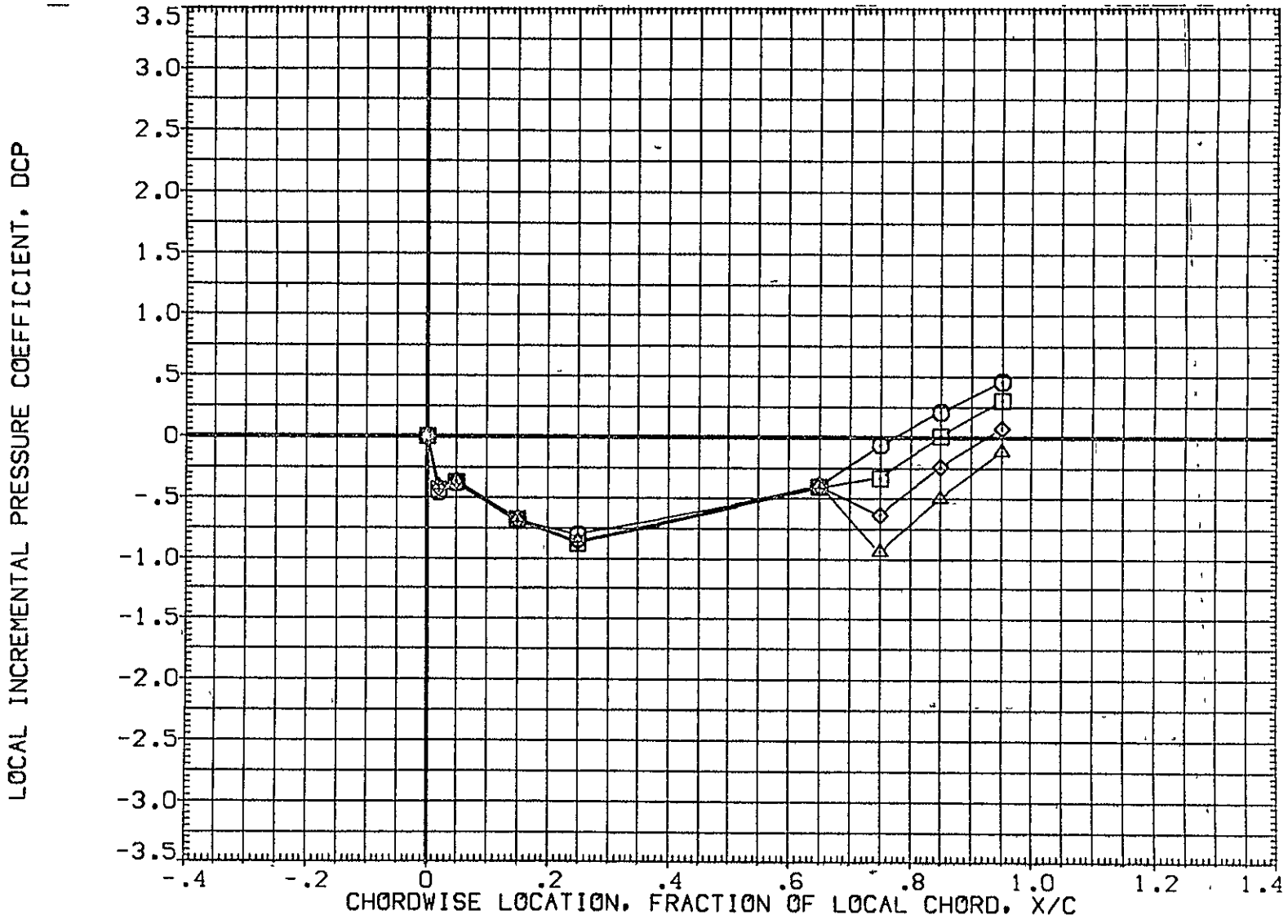

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

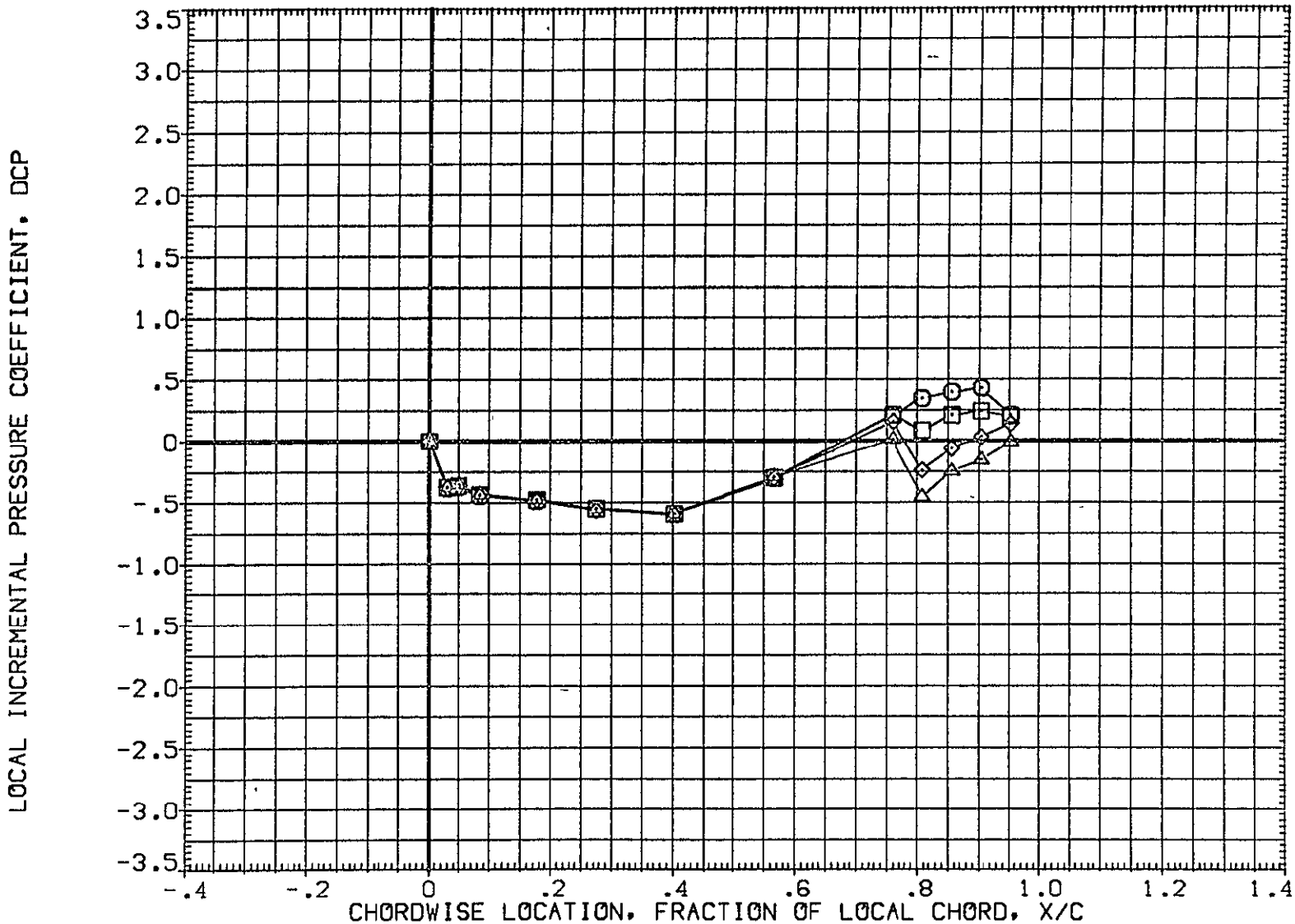

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

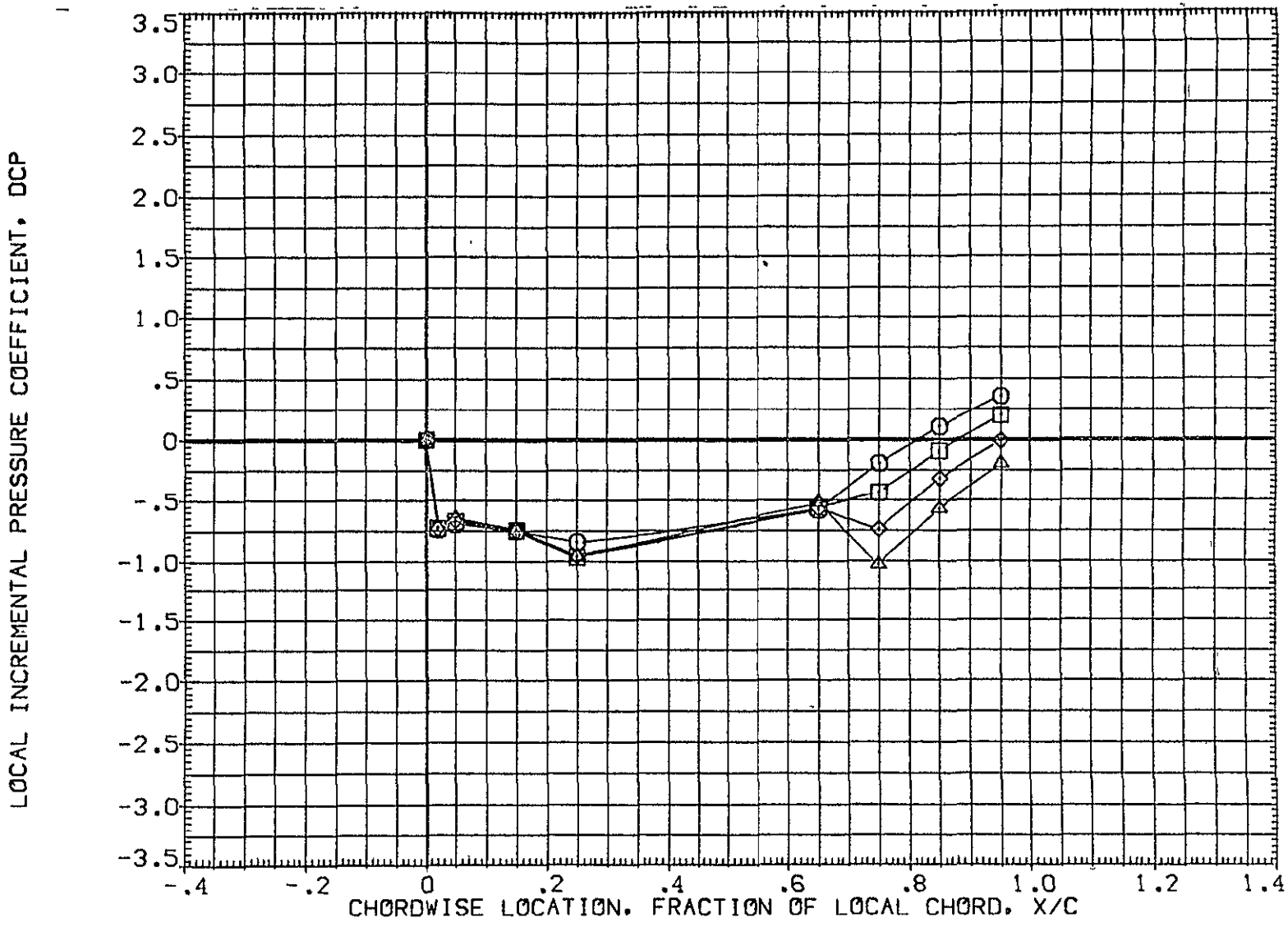

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

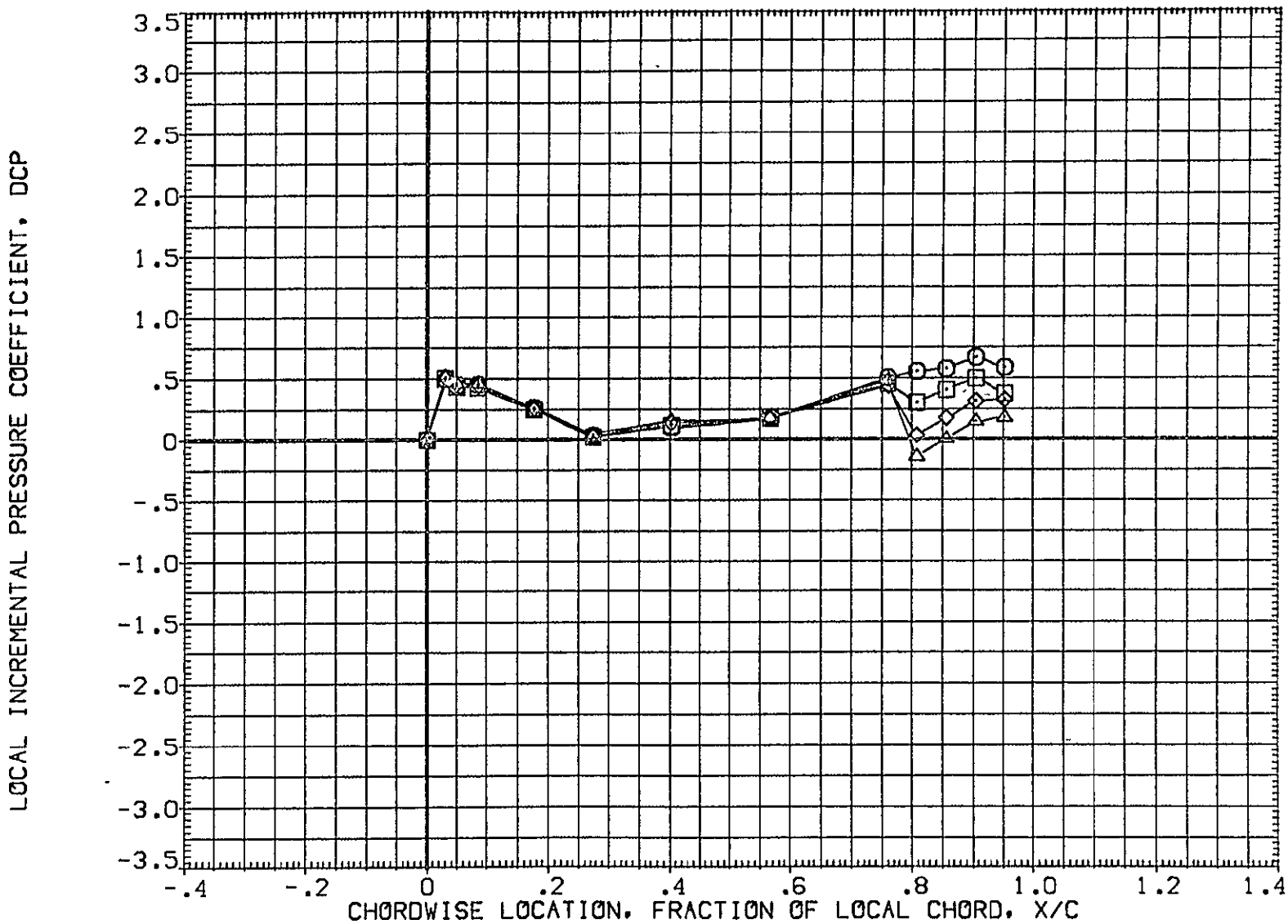

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

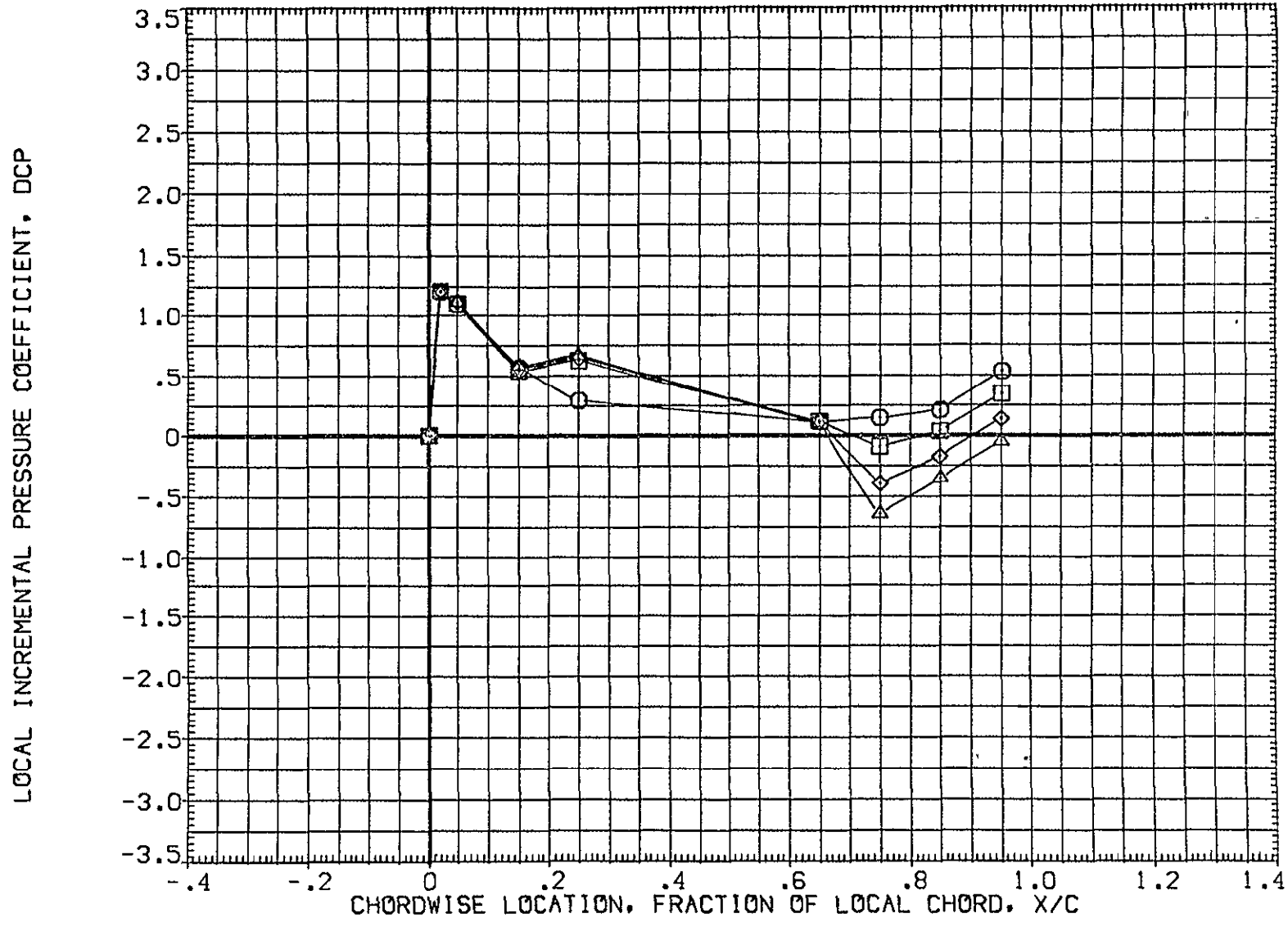

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

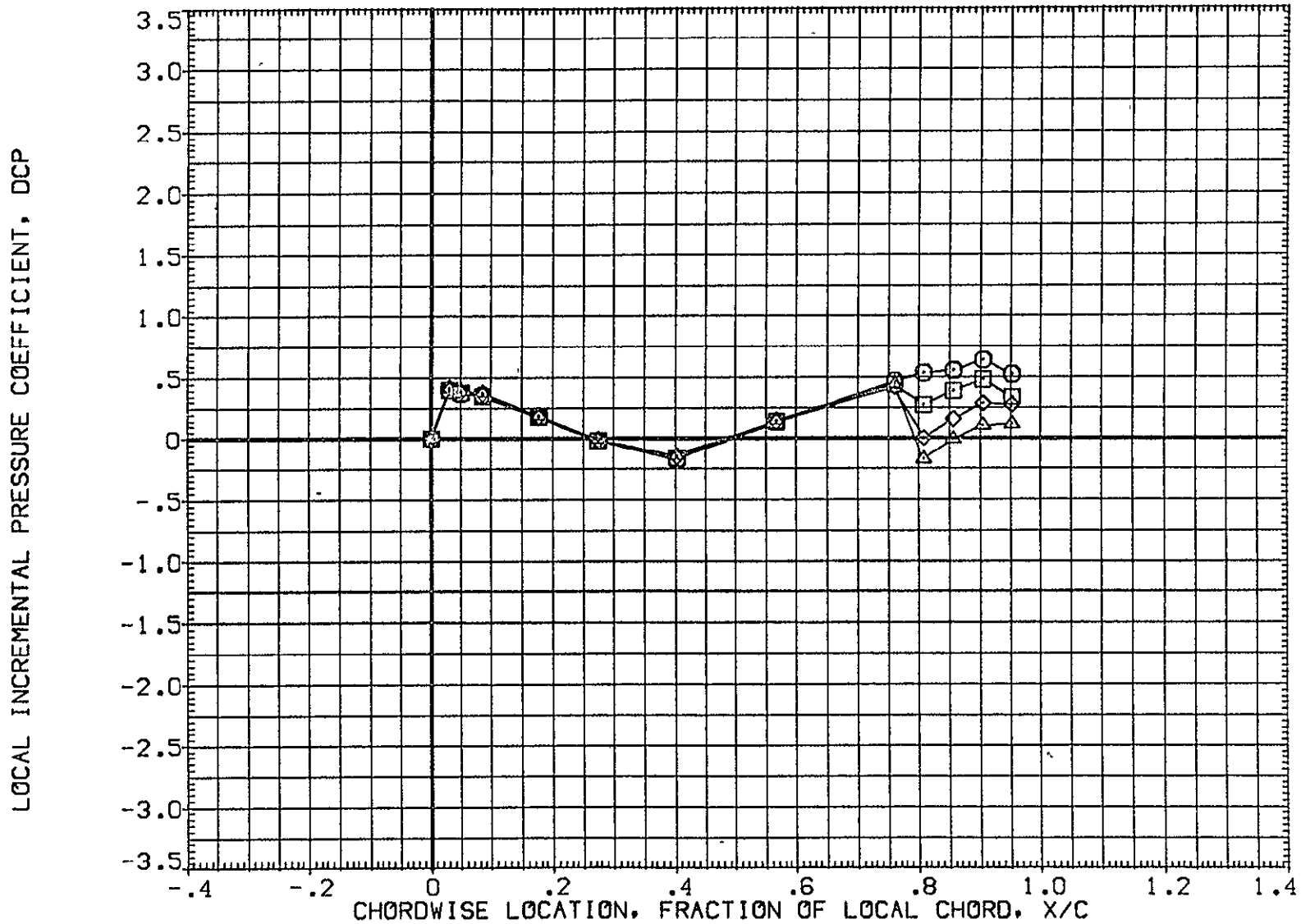

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

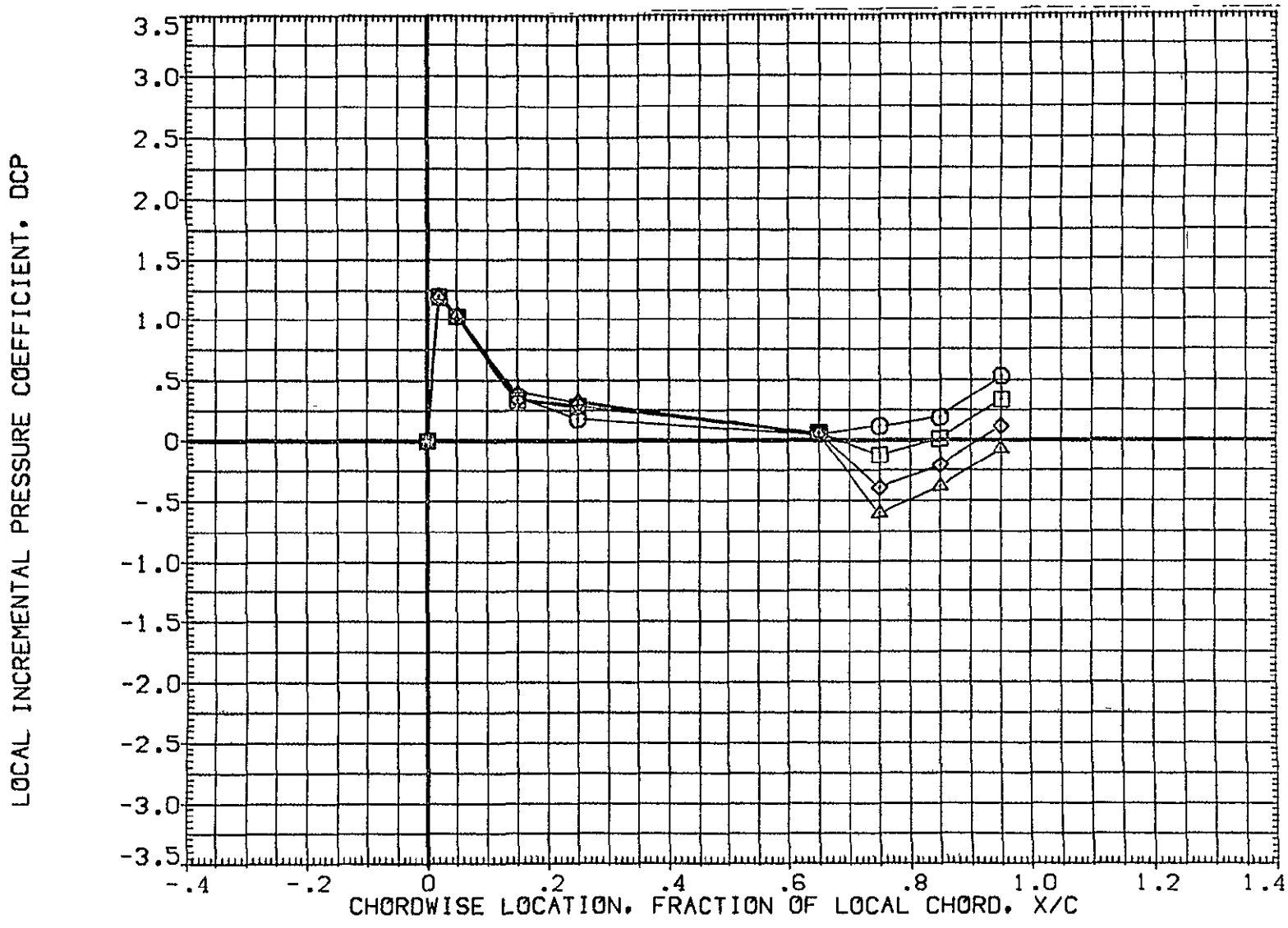

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

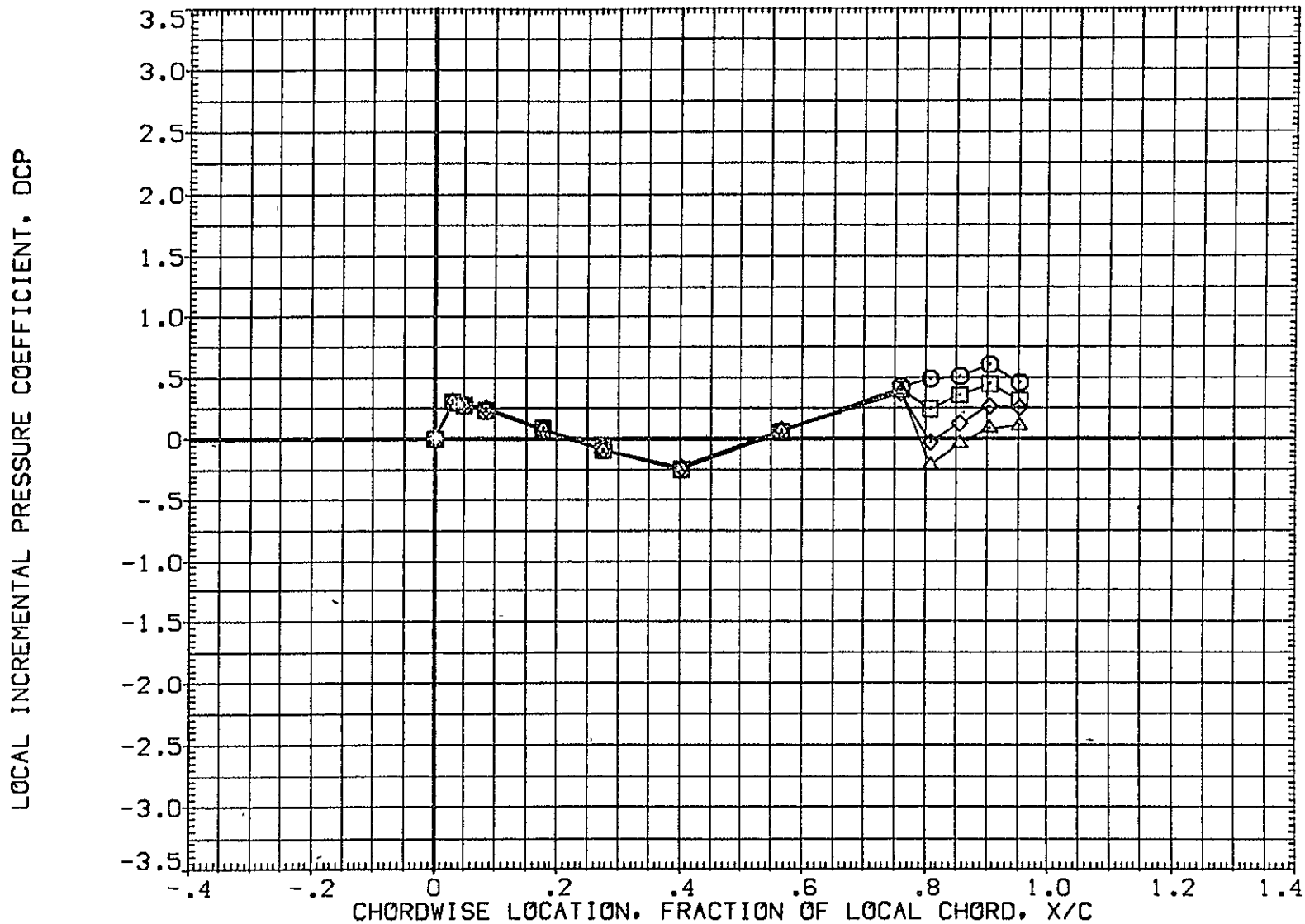

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

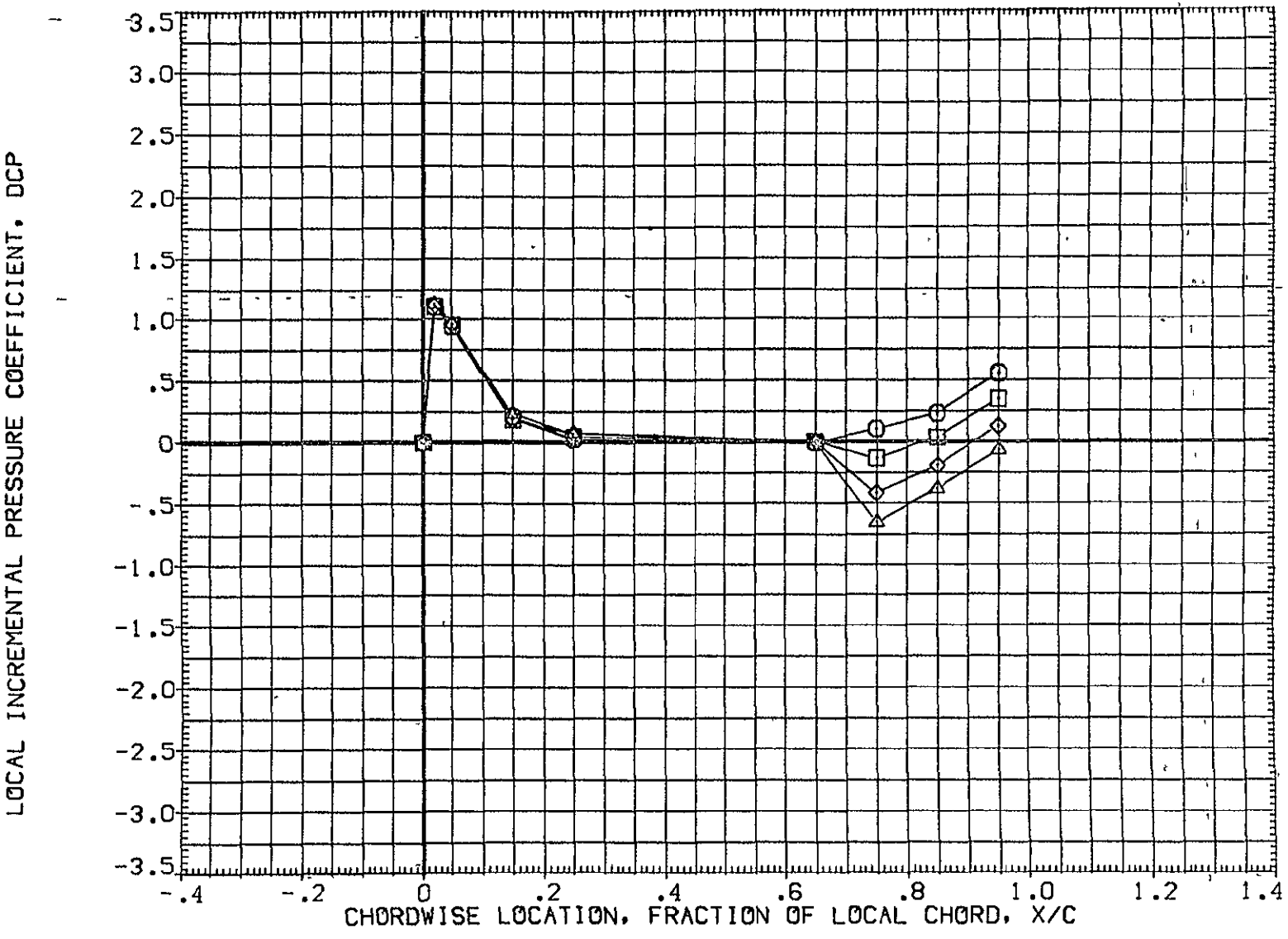

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

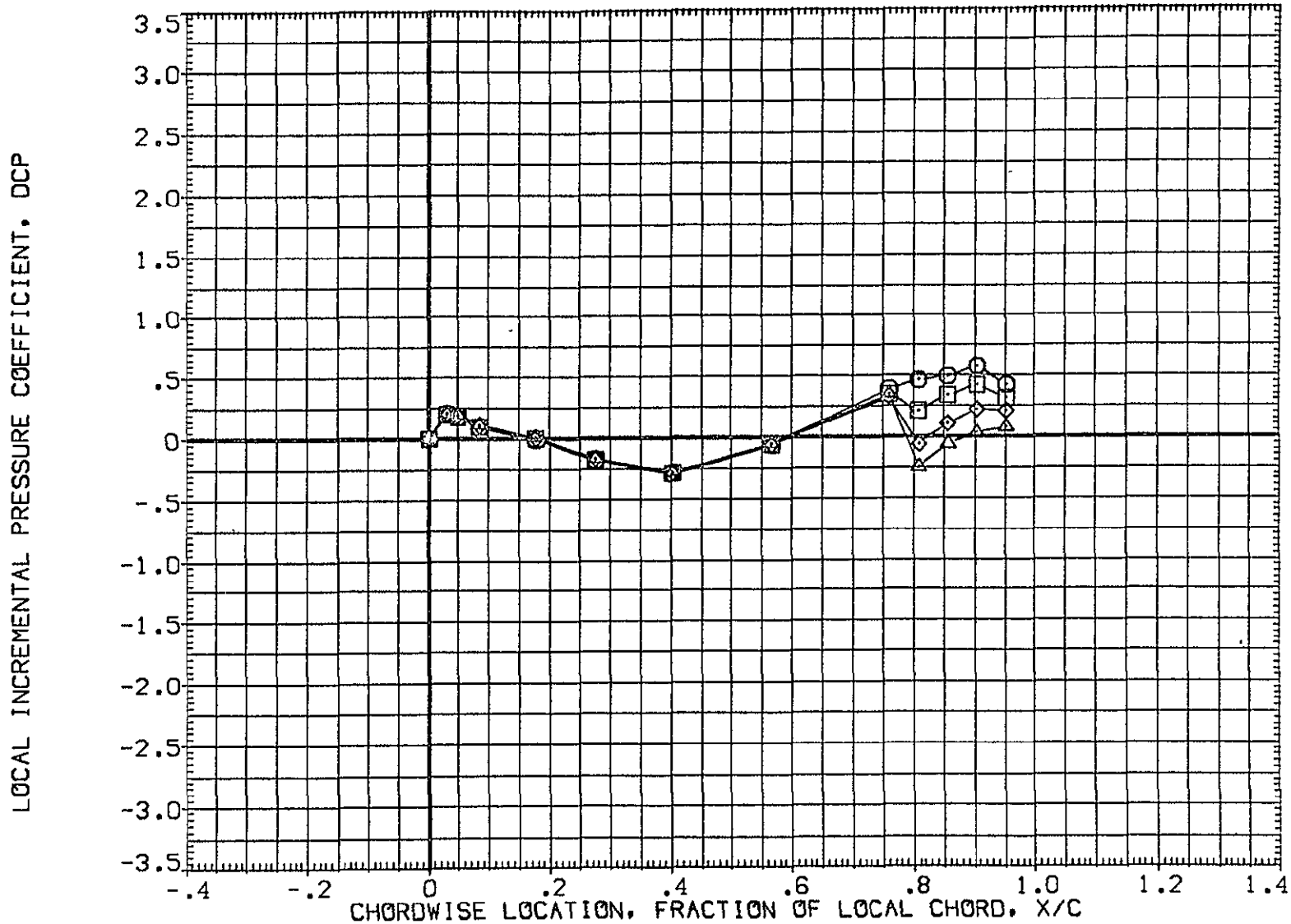

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

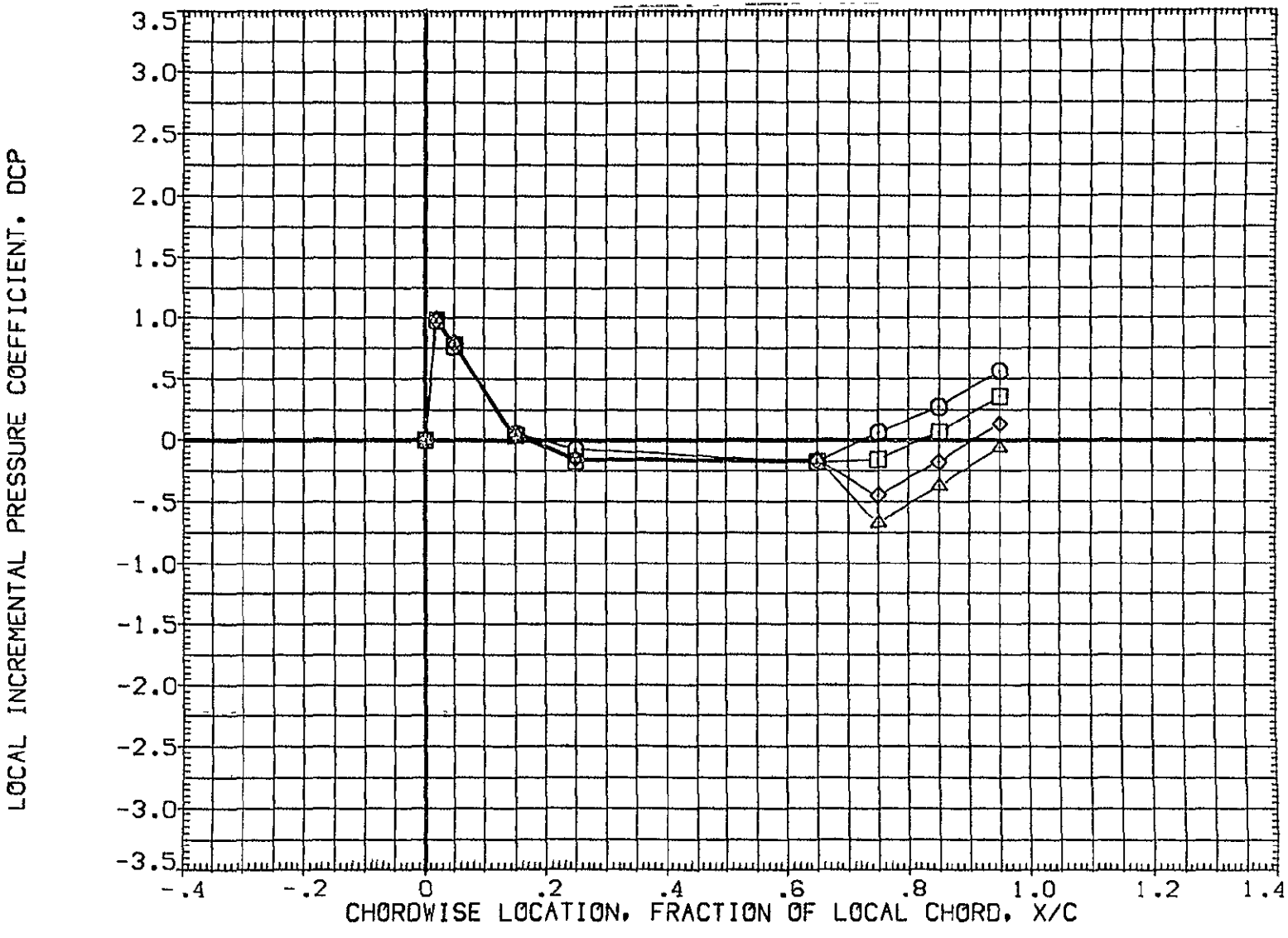

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

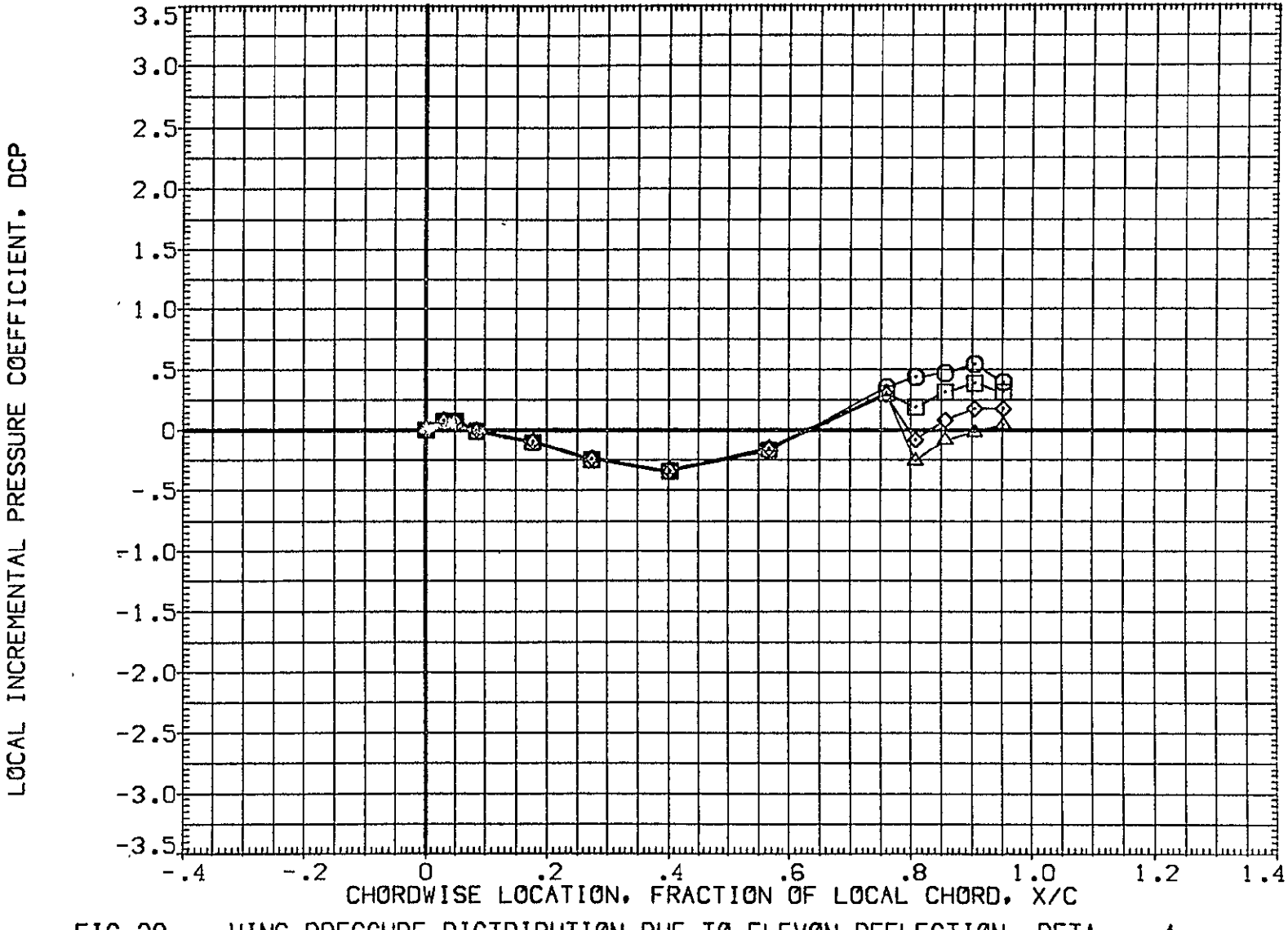

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

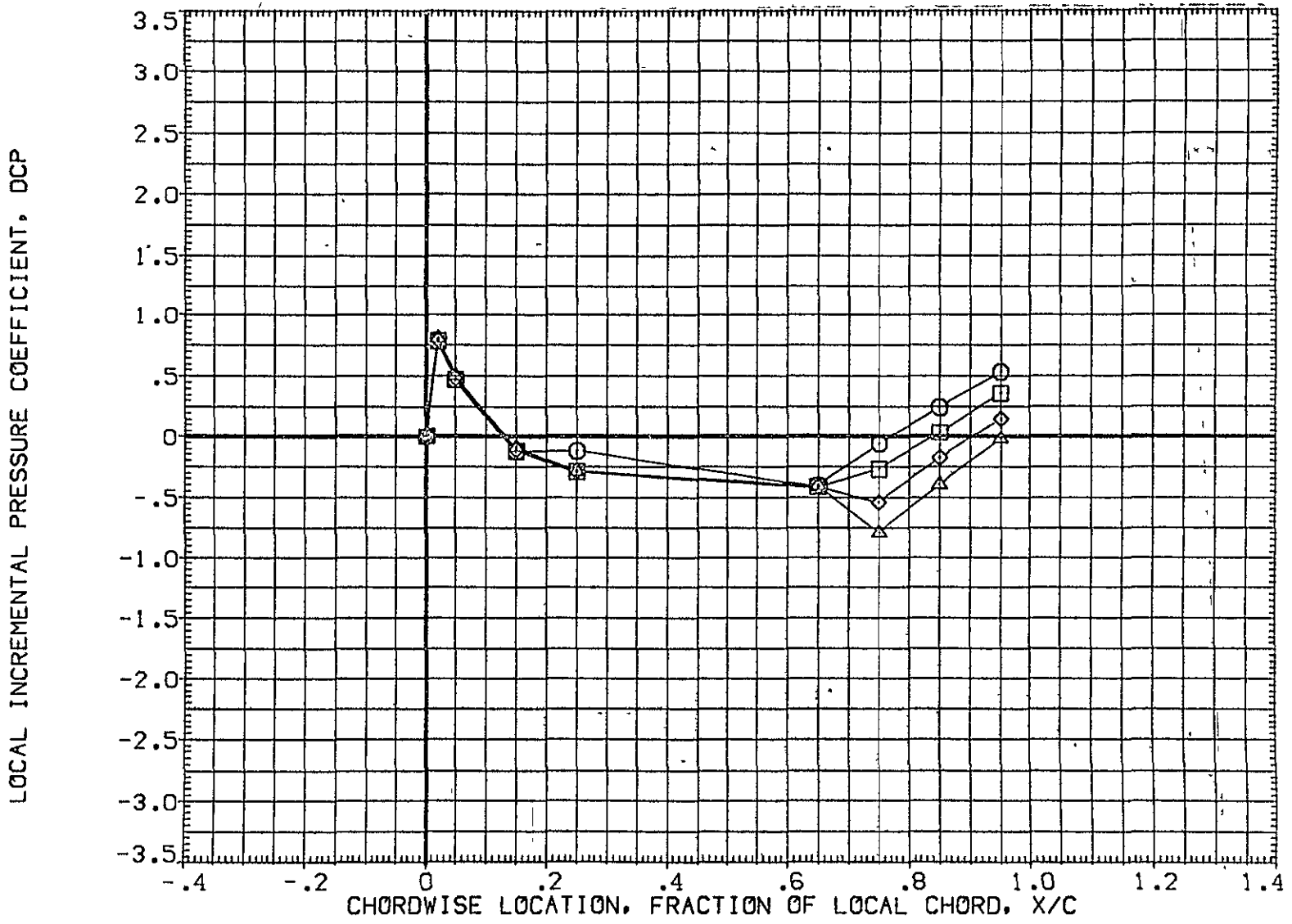

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

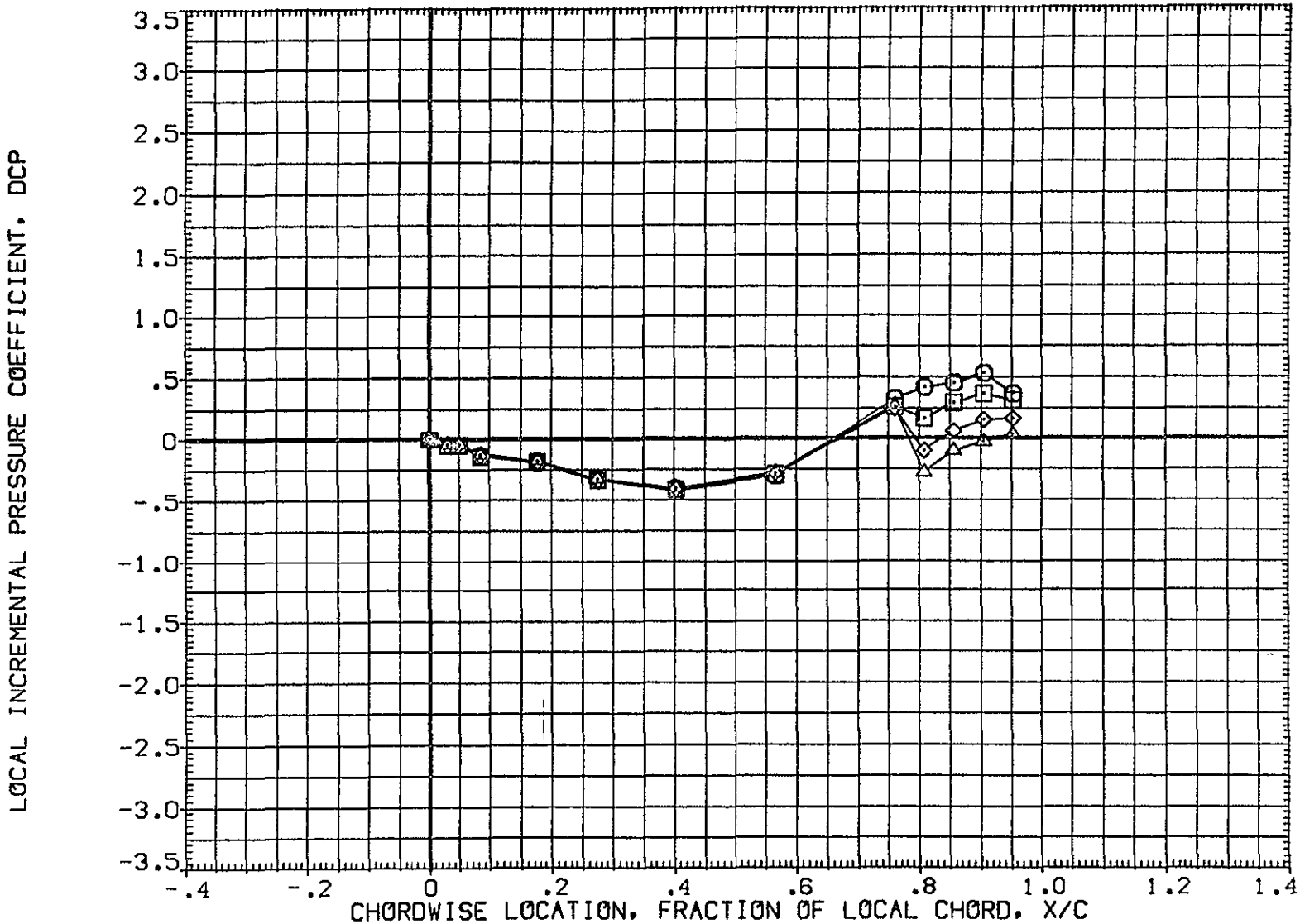

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

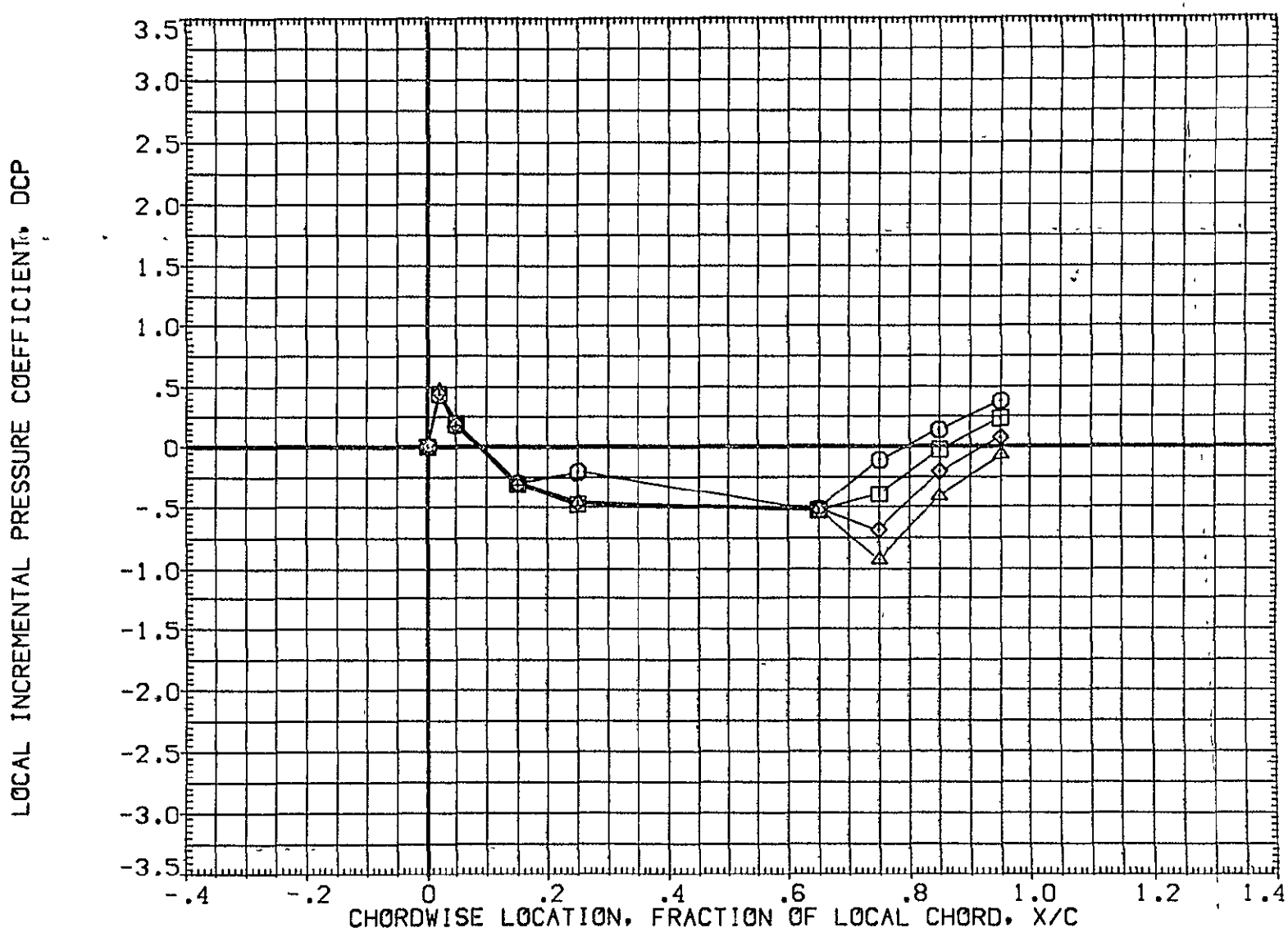

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

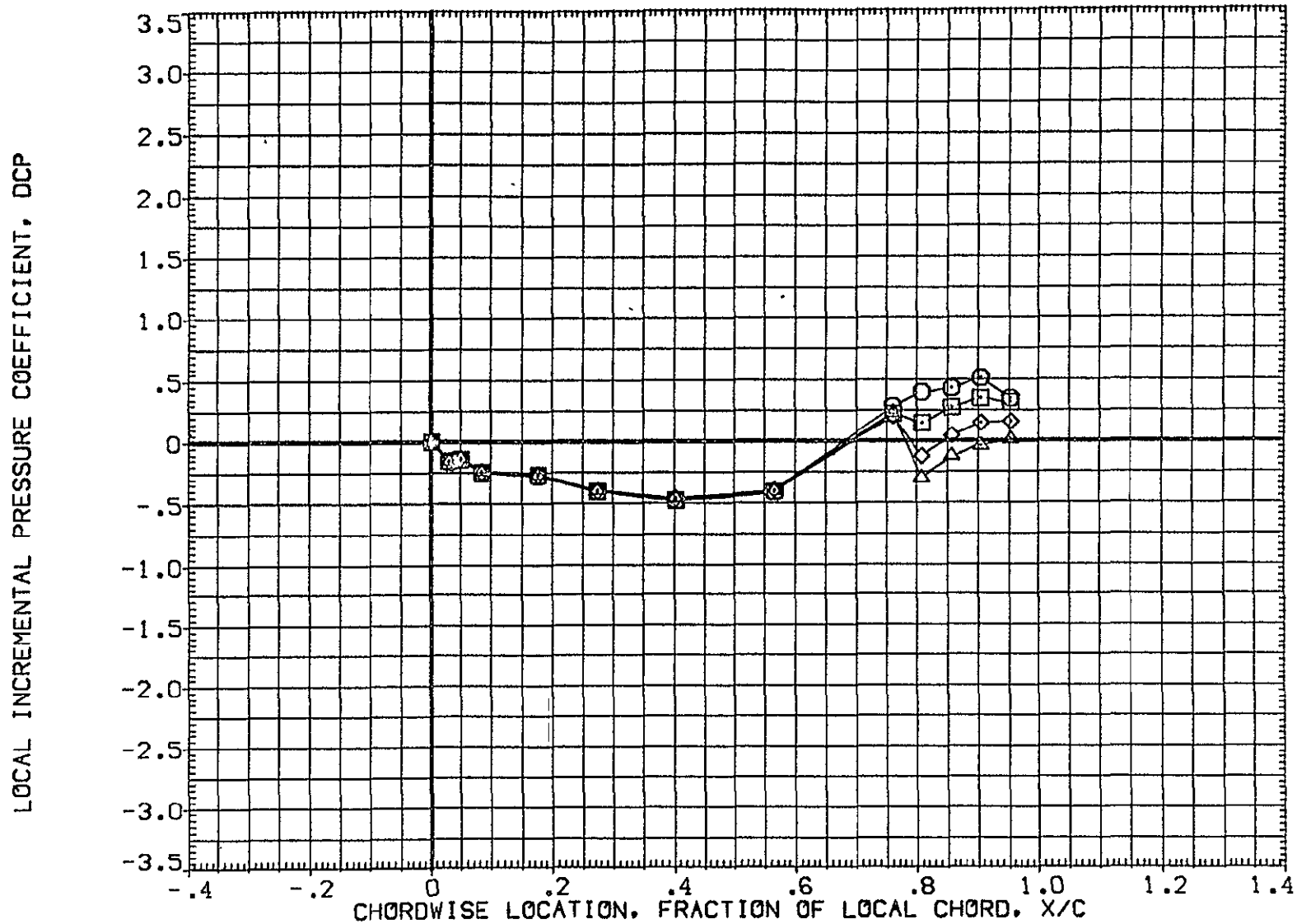

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

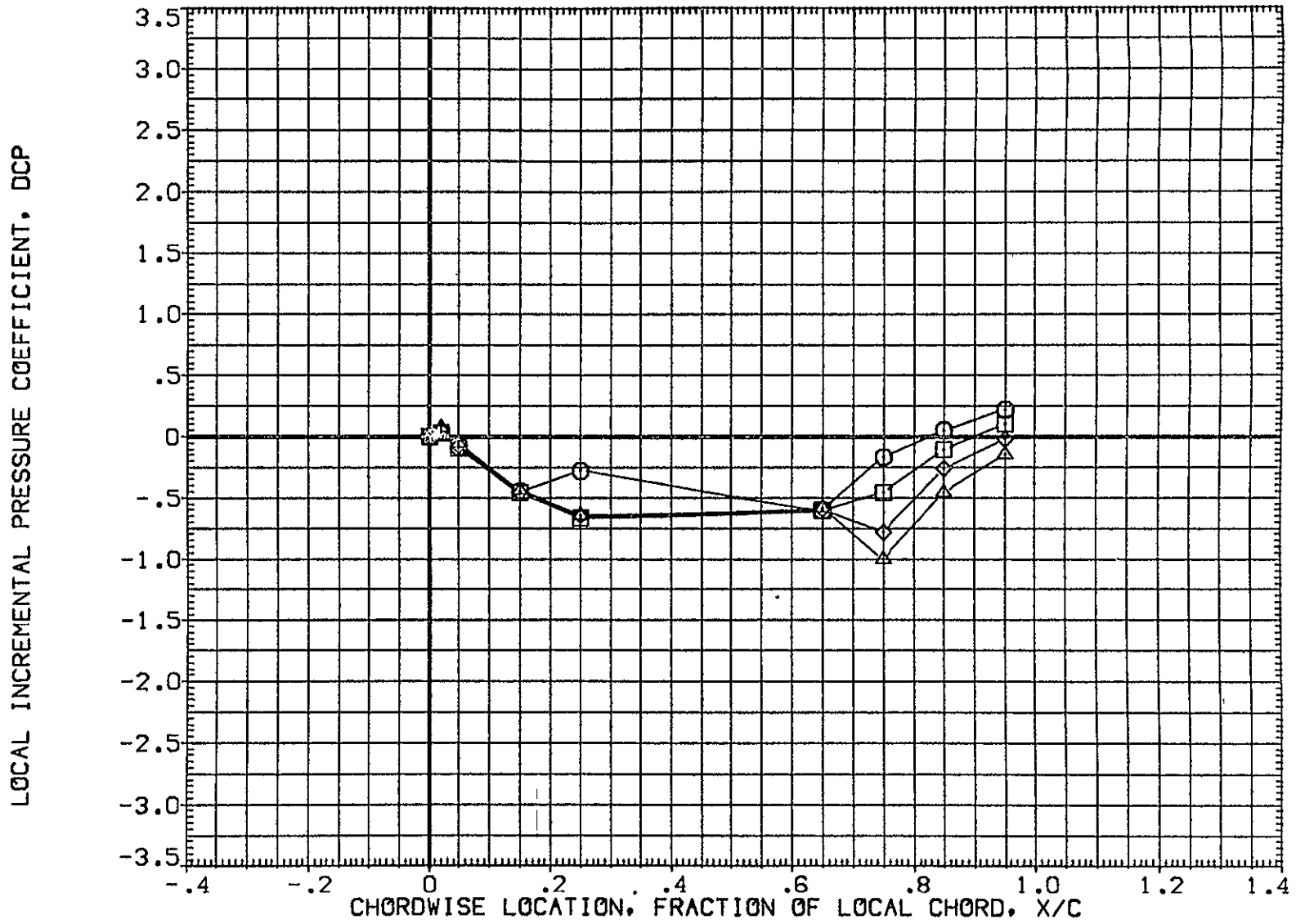

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

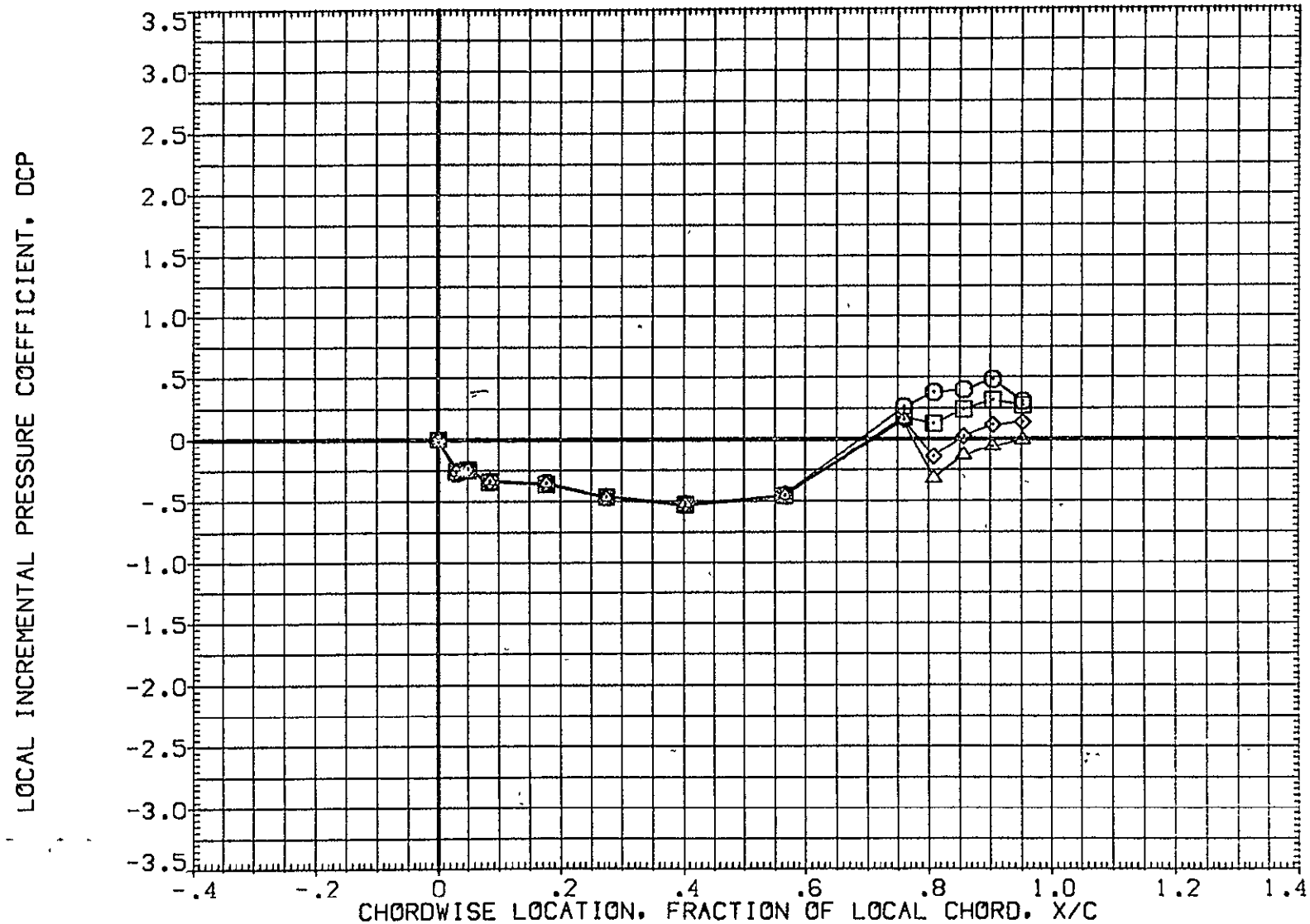

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

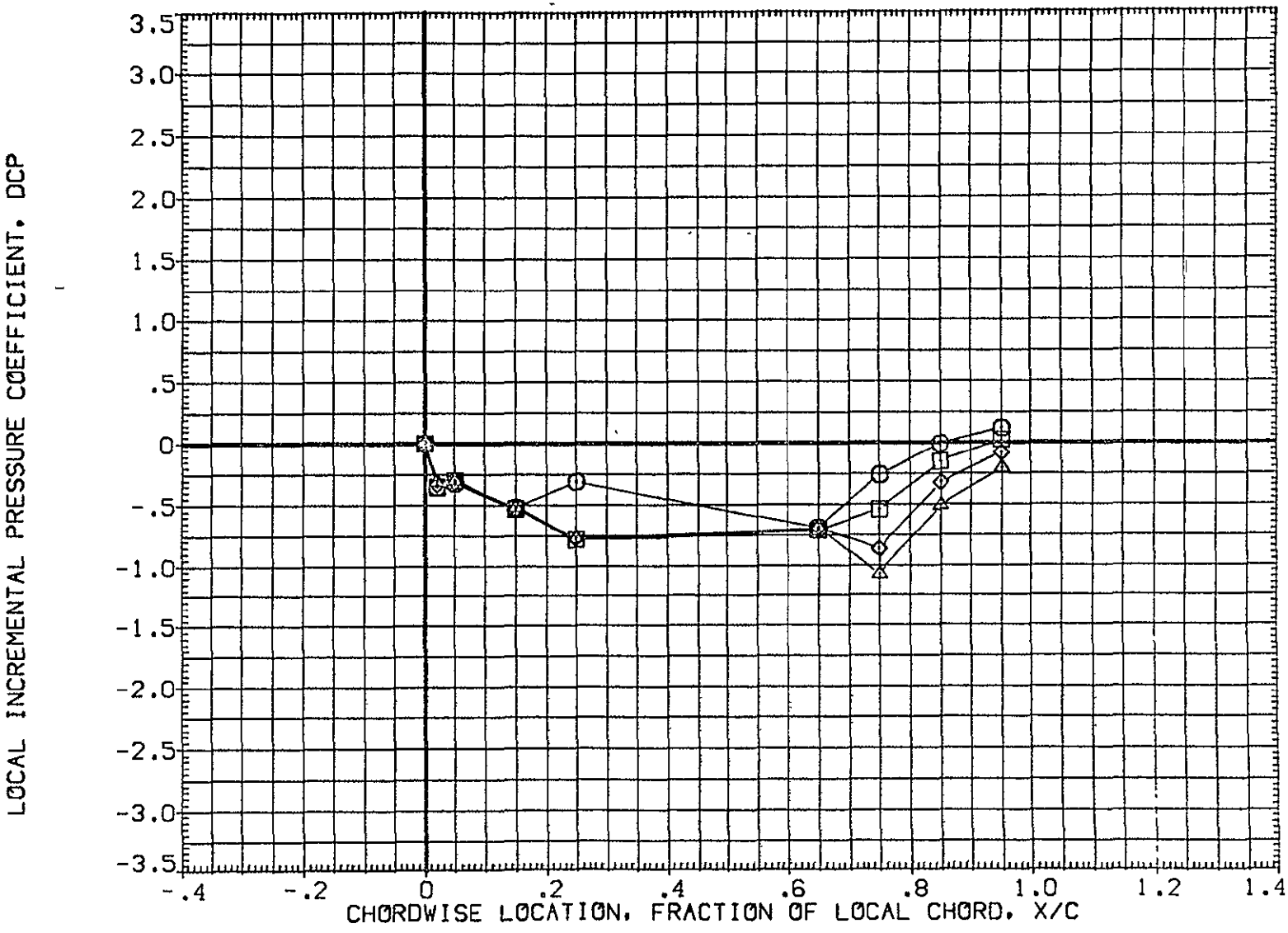

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

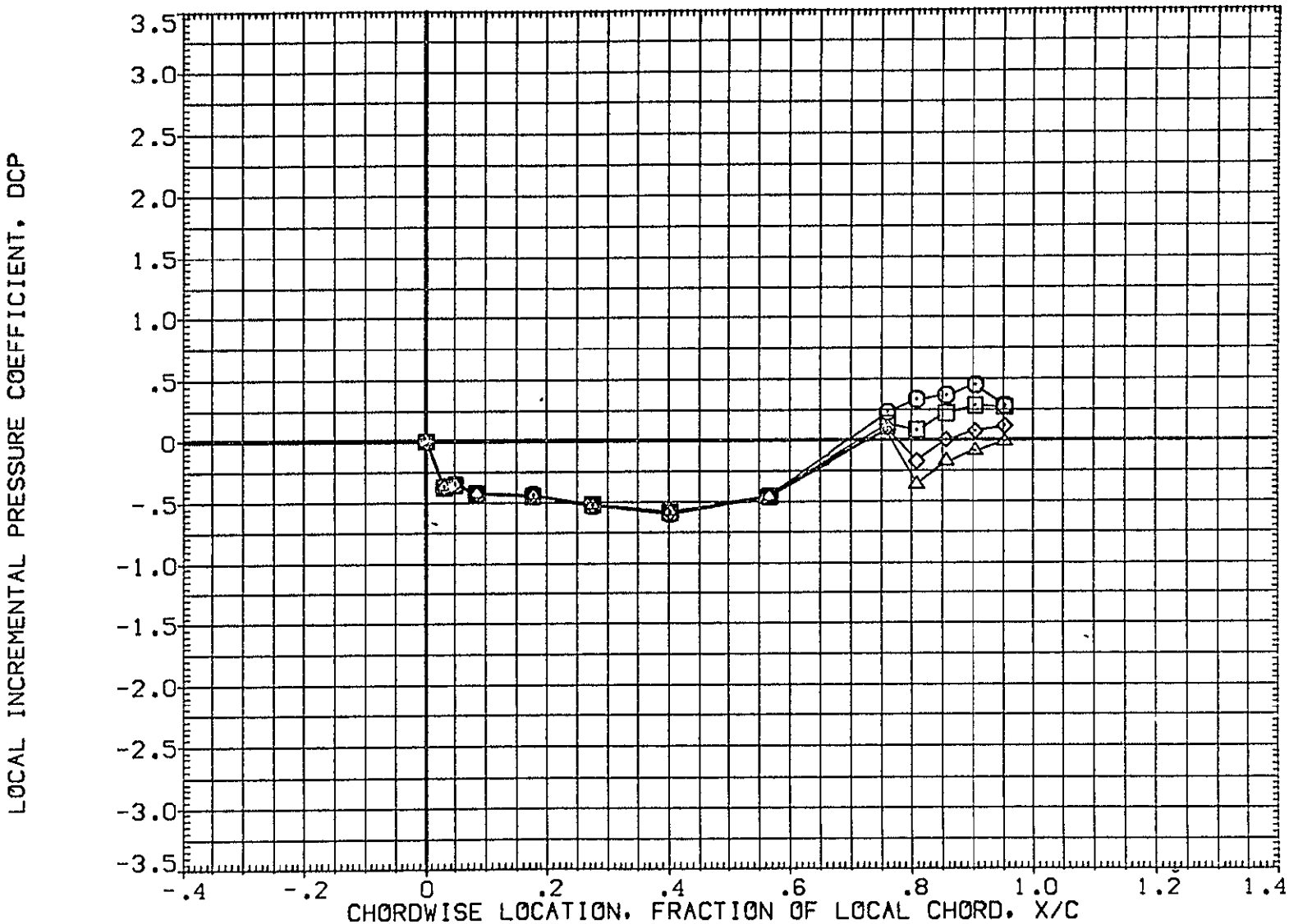

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

C-6

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

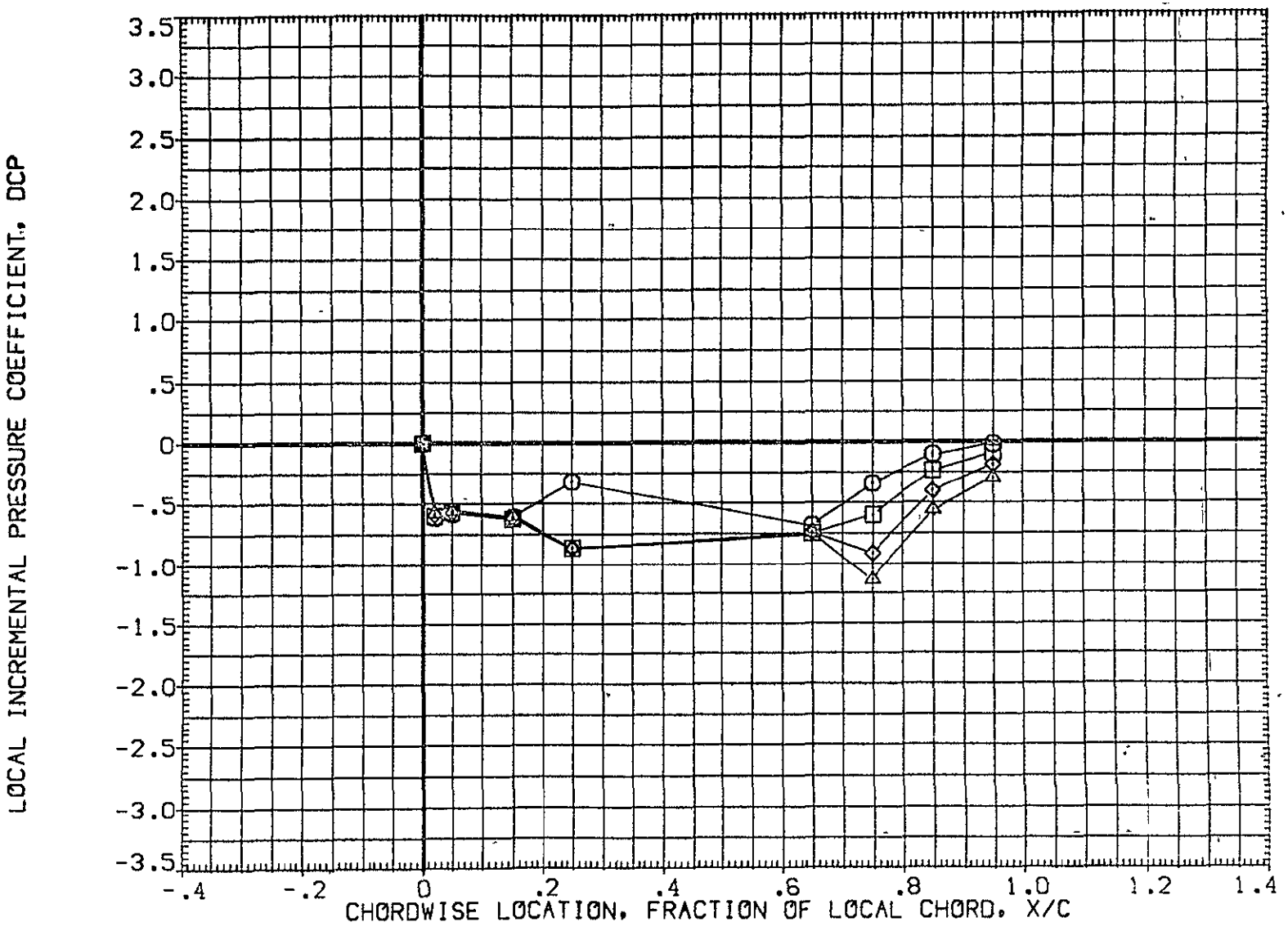

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

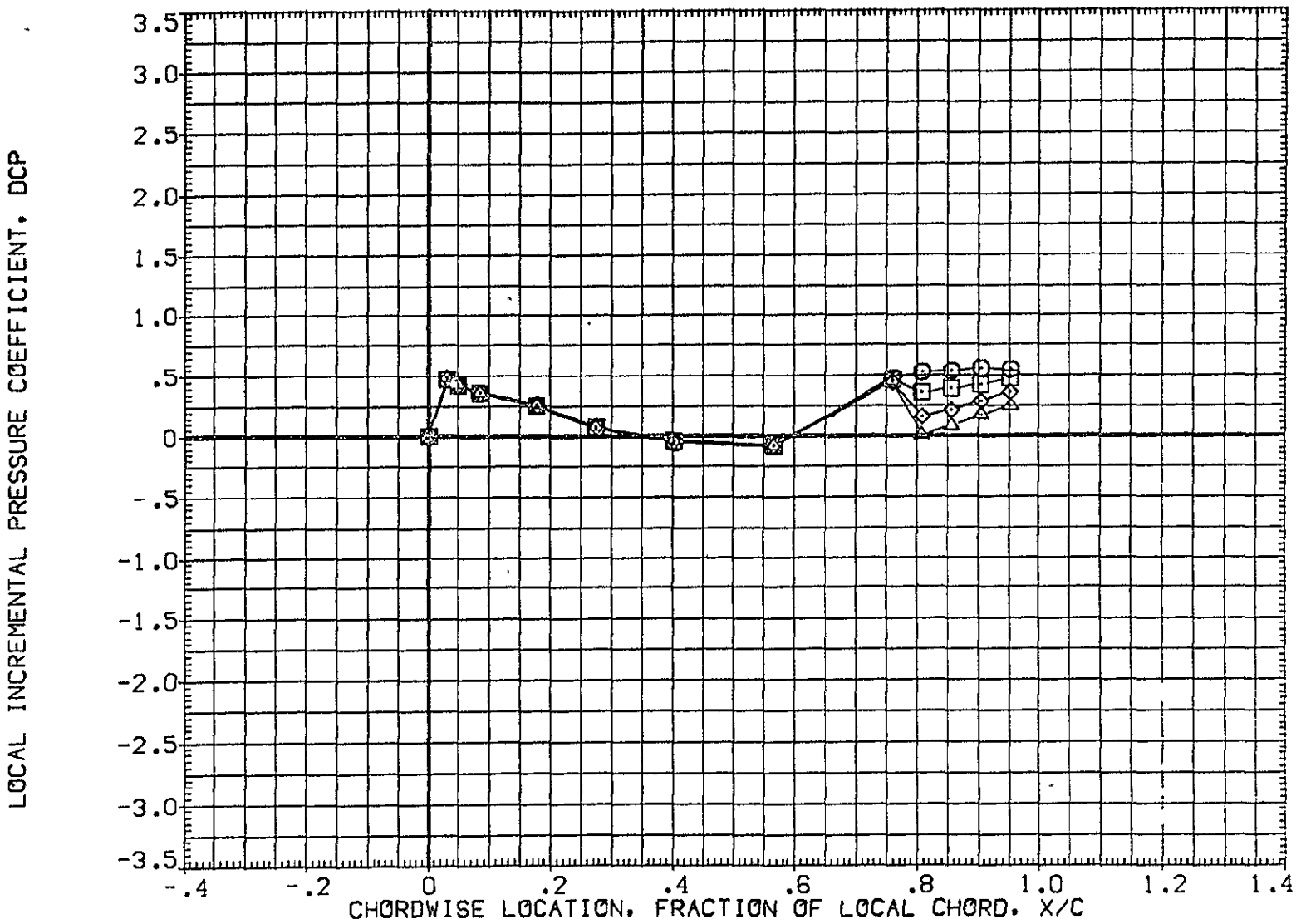

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

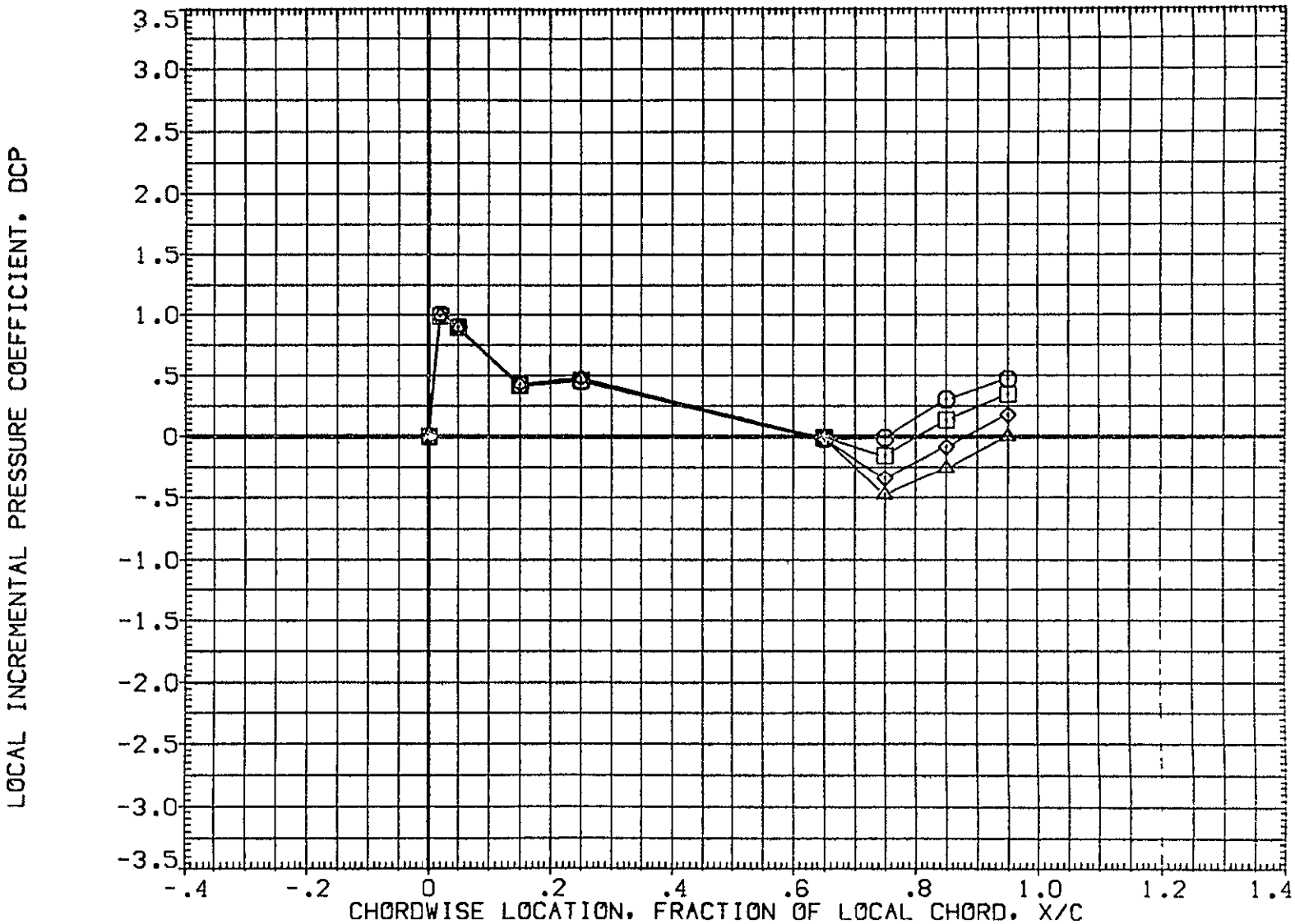

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				4.000	4.000	4.000	4.000
(AF7056)	⋈	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				8.000	12.000	12.000	12.000

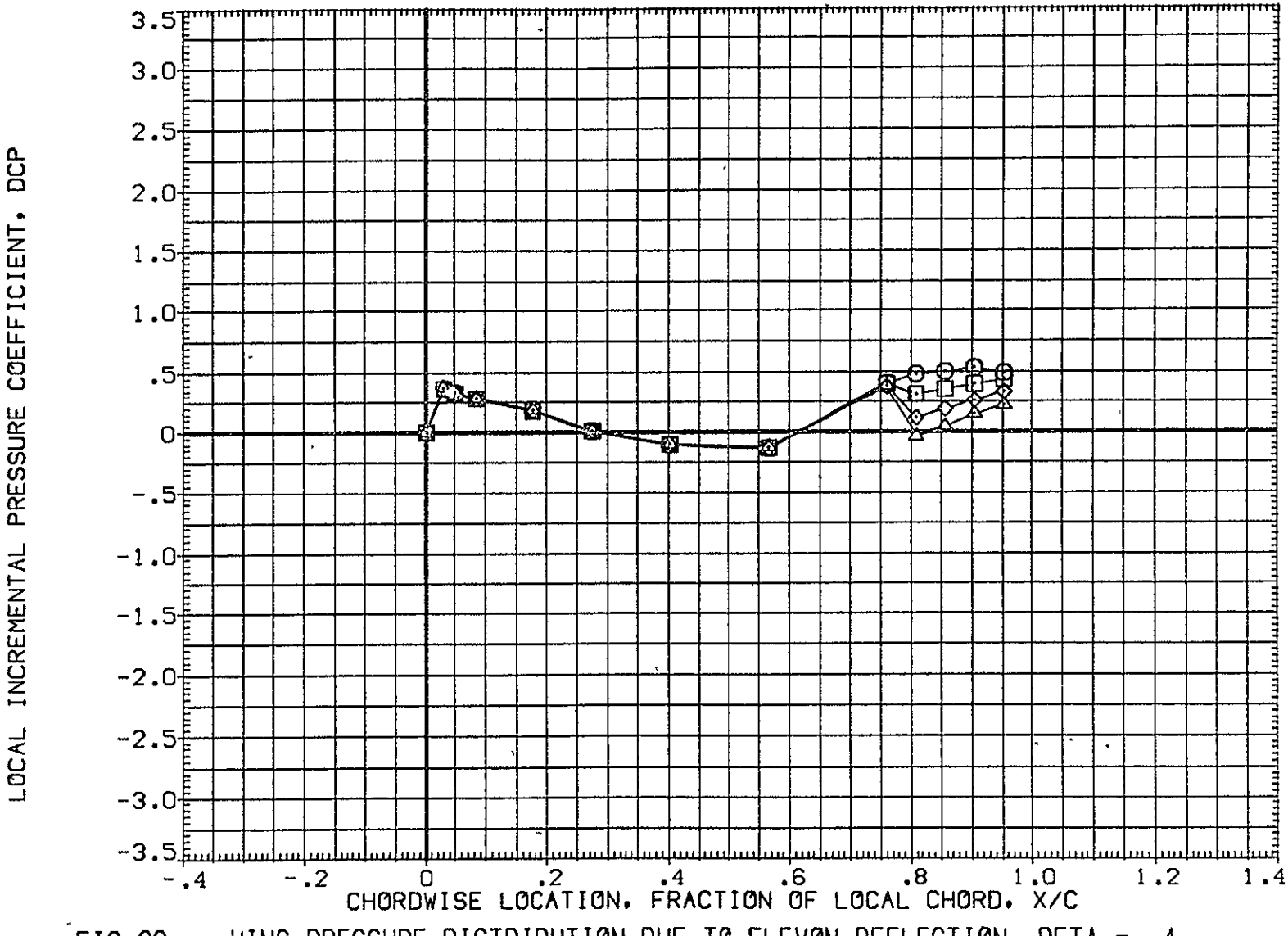

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

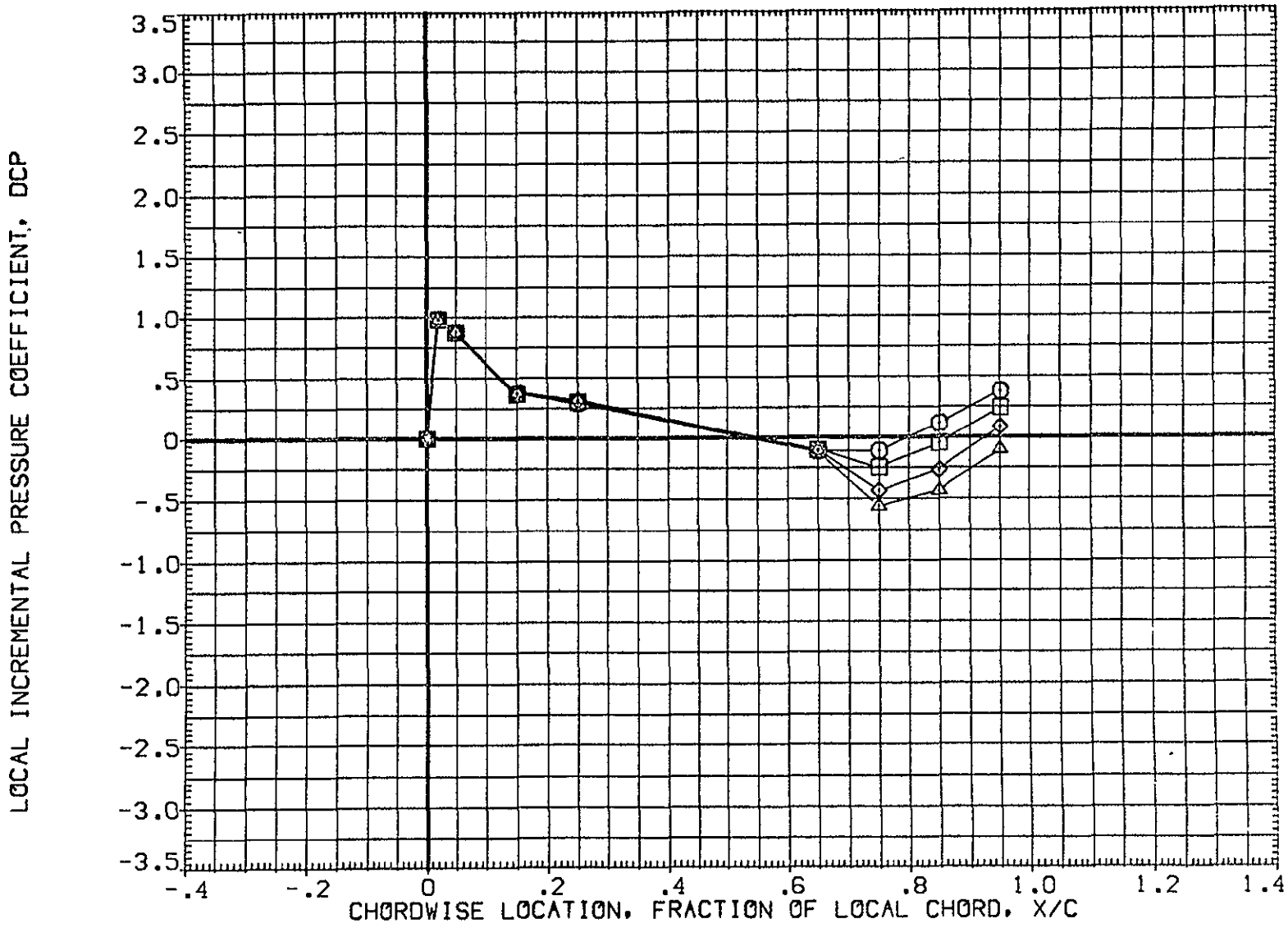

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

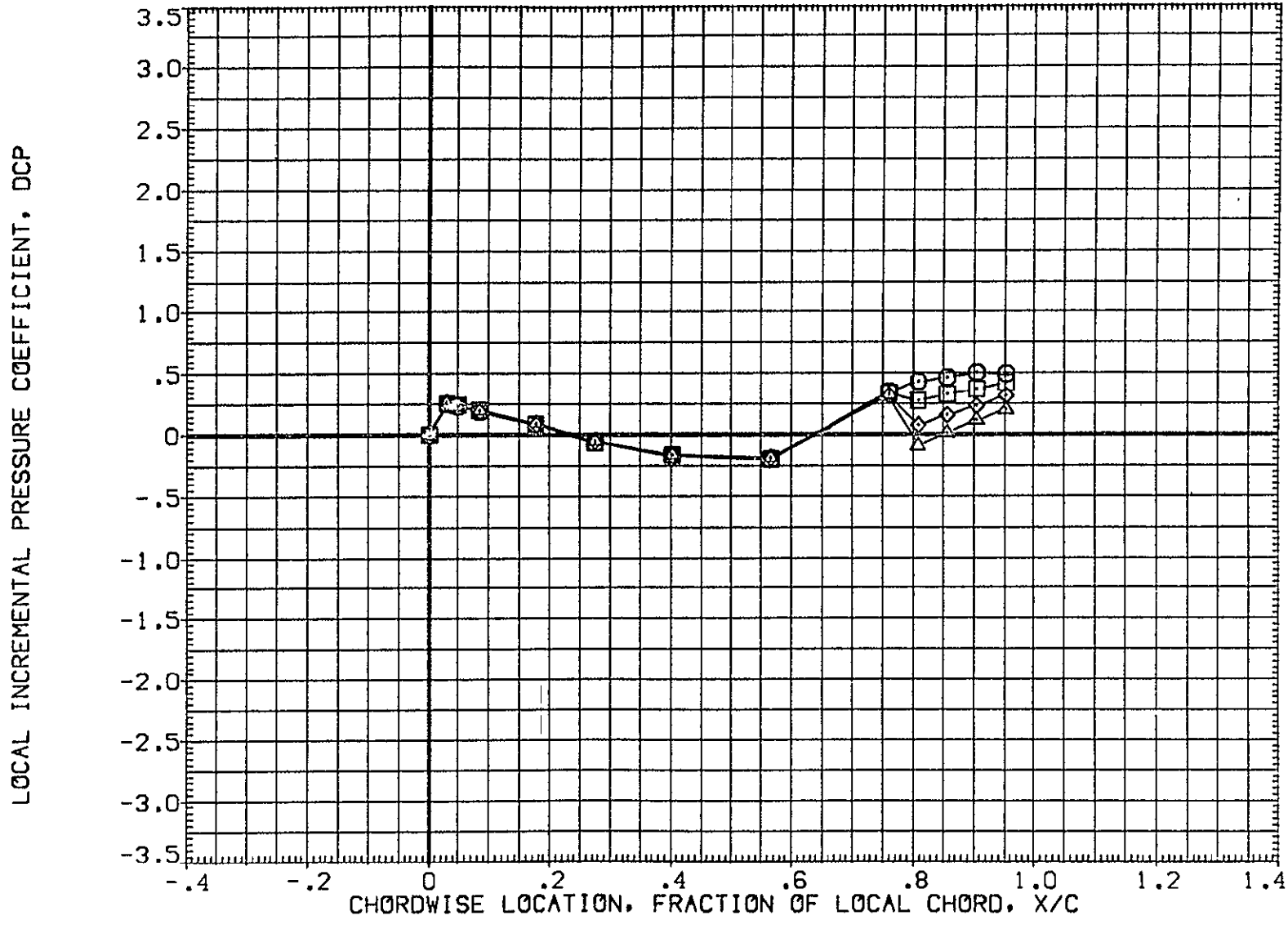

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

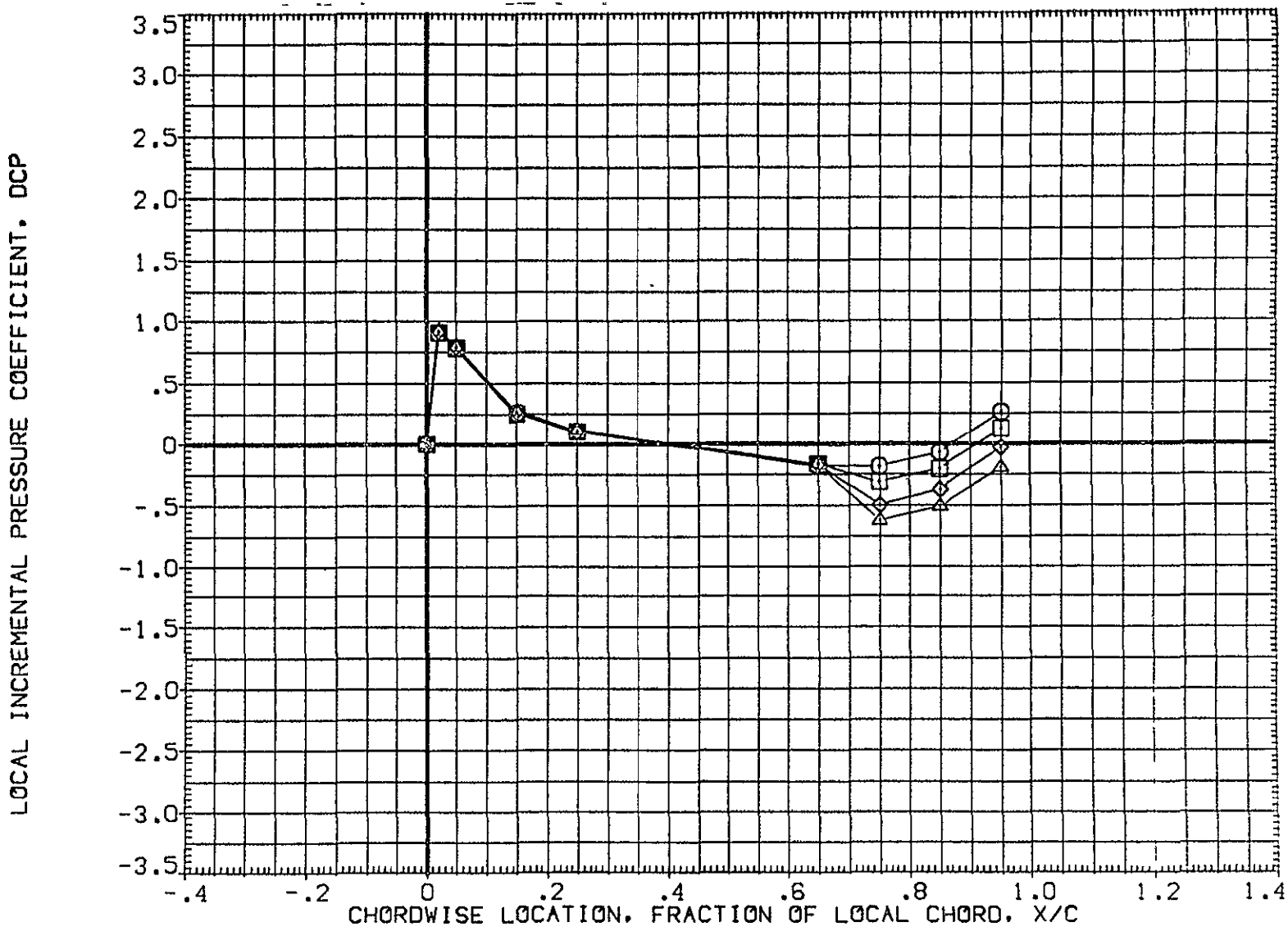

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

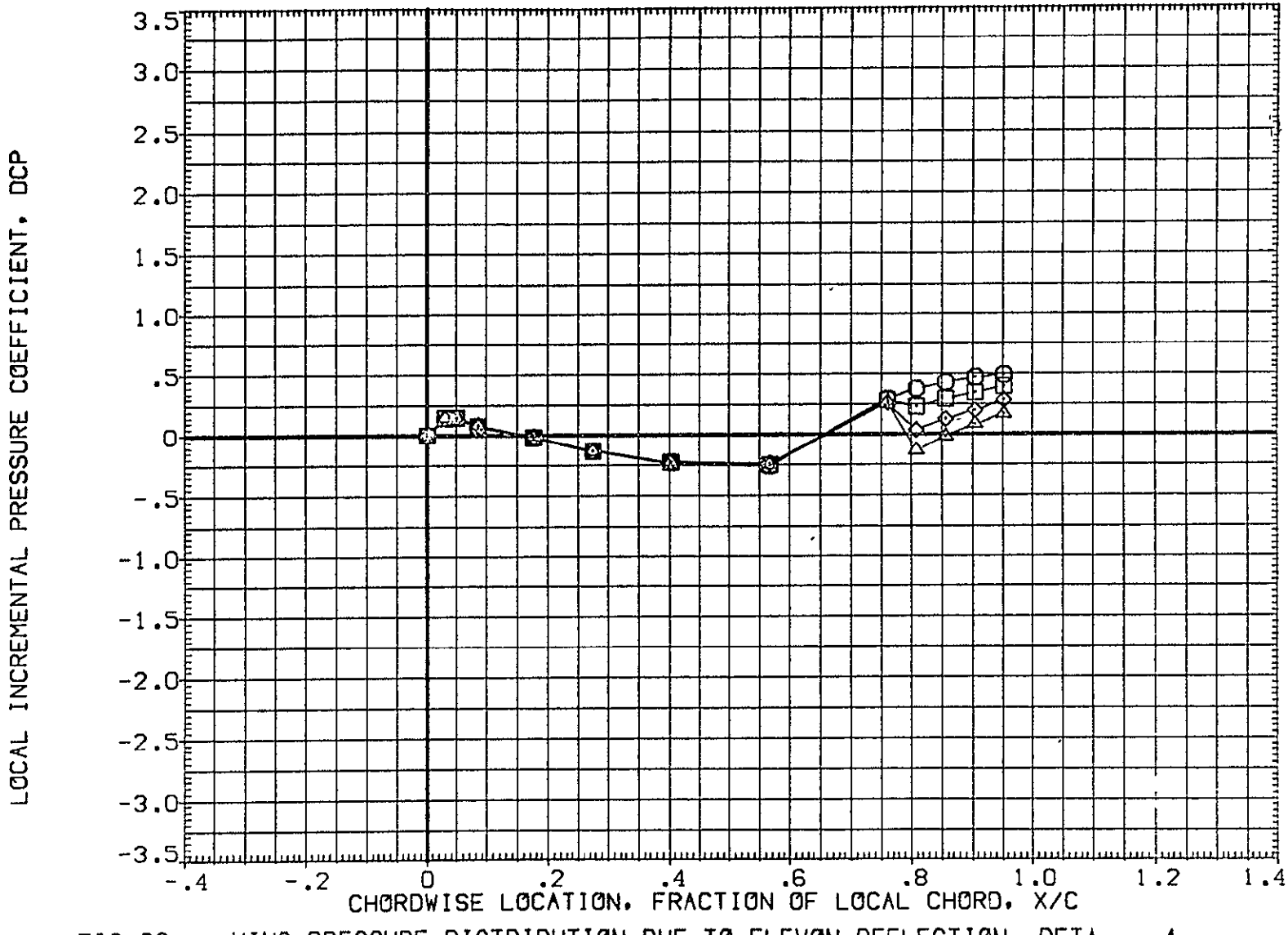

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046) ○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051) □	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056) ◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061) △	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

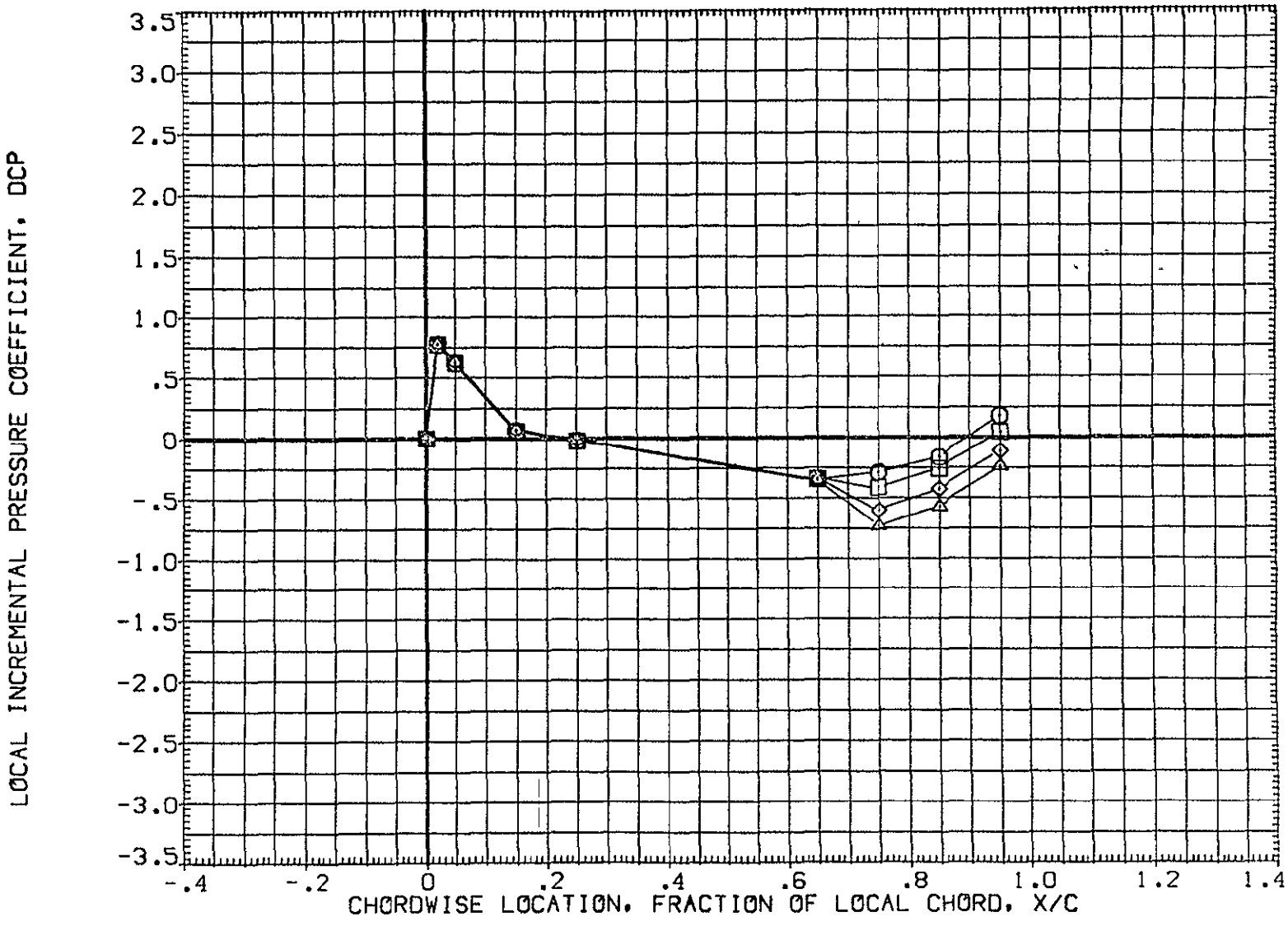

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

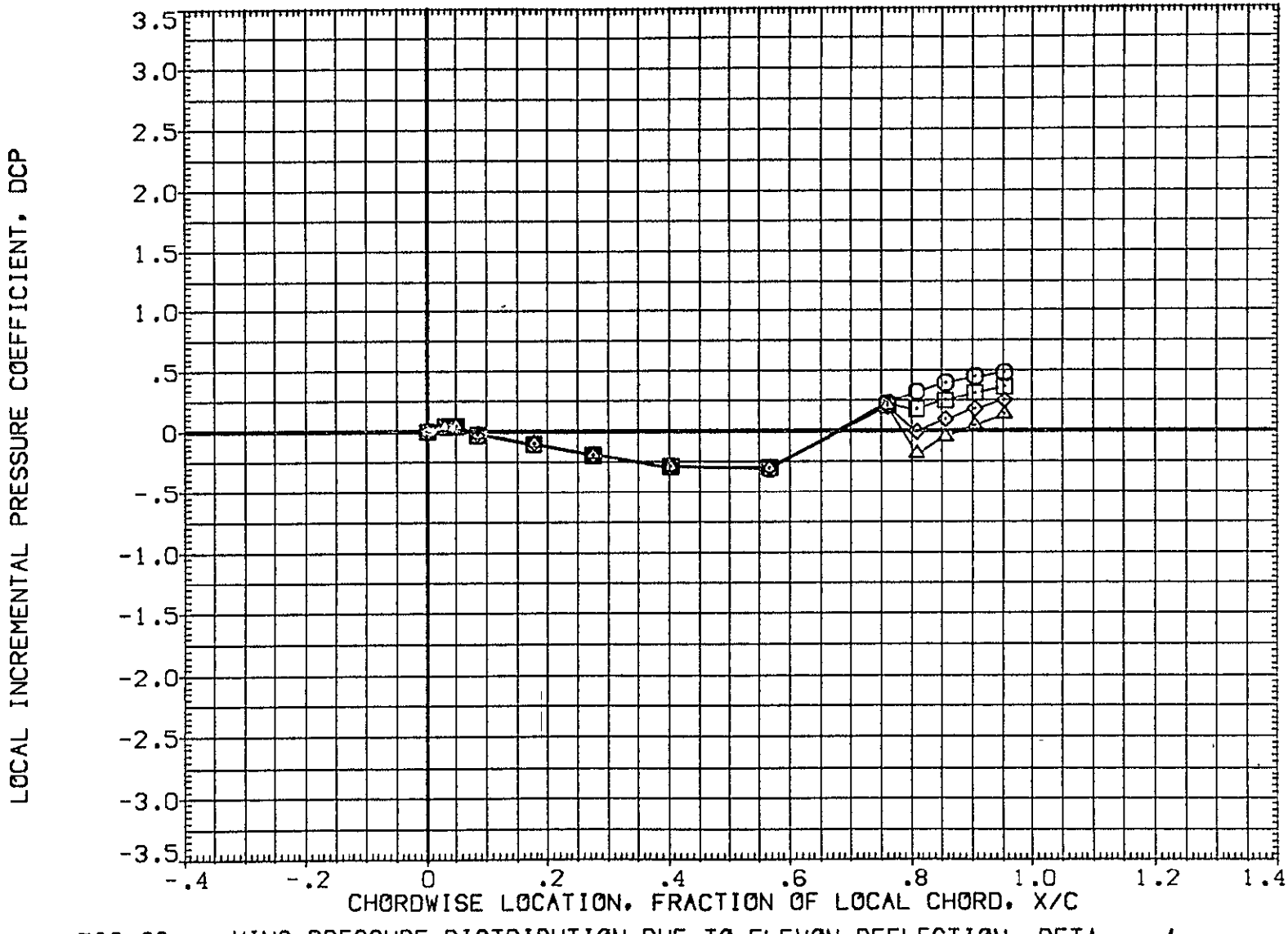

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

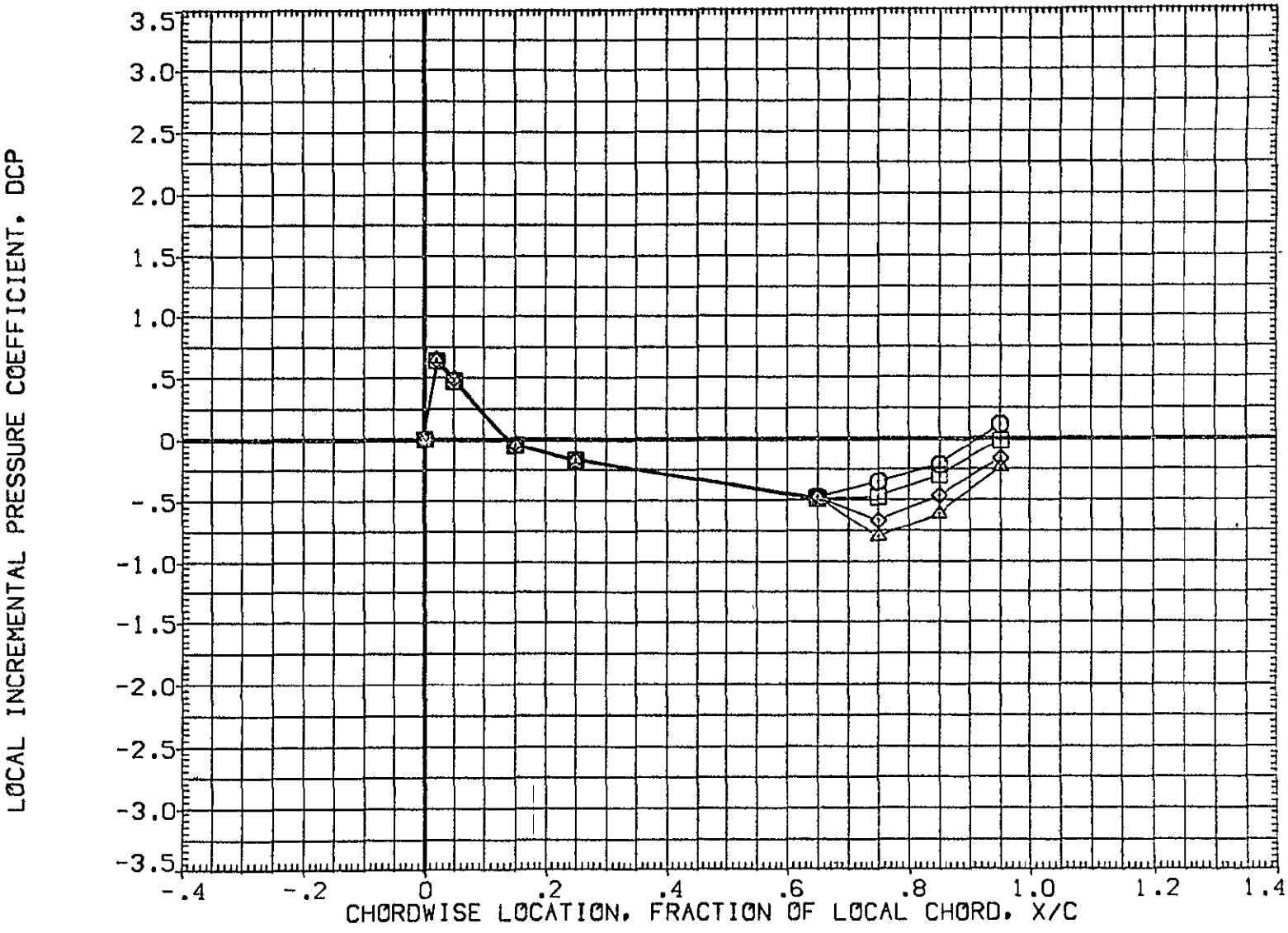

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			.000	.000	.000	.000
[AF7051]	□	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			4.000	4.000	4.000	4.000
[AF7056]	◇	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			8.000	8.000	8.000	8.000
[AF7061]	△	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			8.000	12.000	12.000	12.000

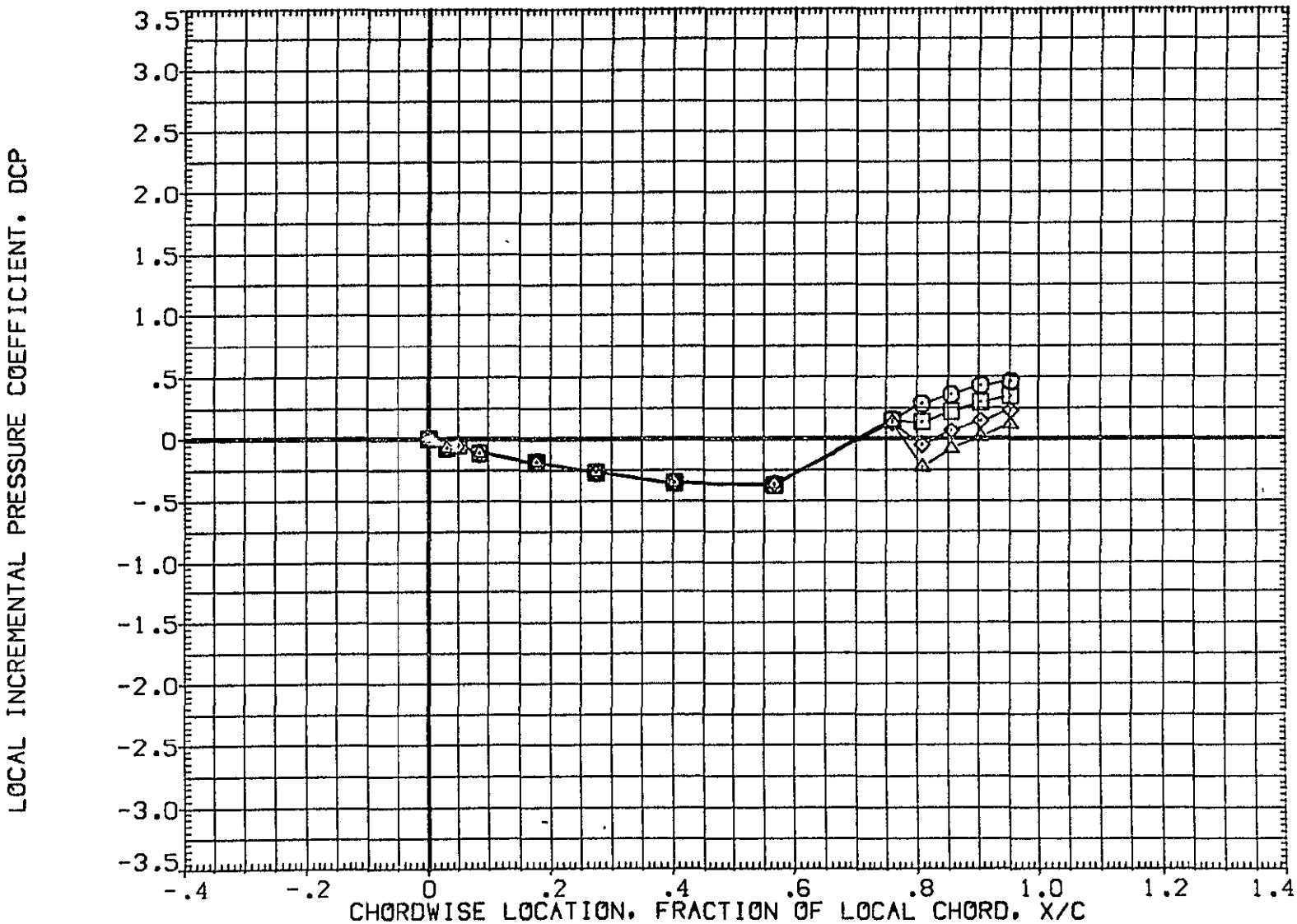

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			.000	.000	.000	.000
[AF7051]	□	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			4.000	4.000	4.000	4.000
[AF7056]	◇	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			8.000	8.000	8.000	8.000
[AF7061]	△	IA70	01 T12 S1 P2 P8	WING [UPPER - LOWER]			8.000	12.000	12.000	12.000

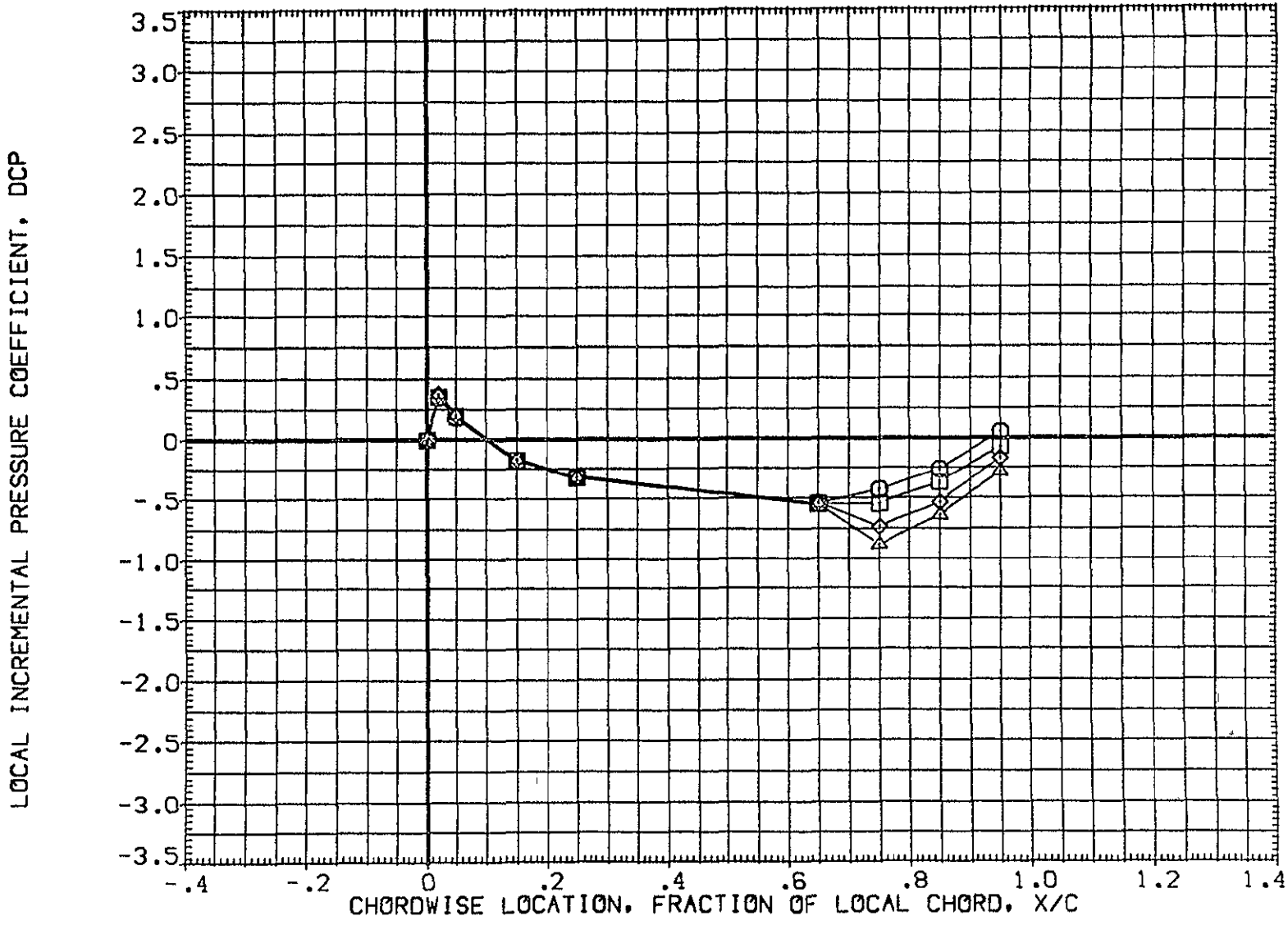

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

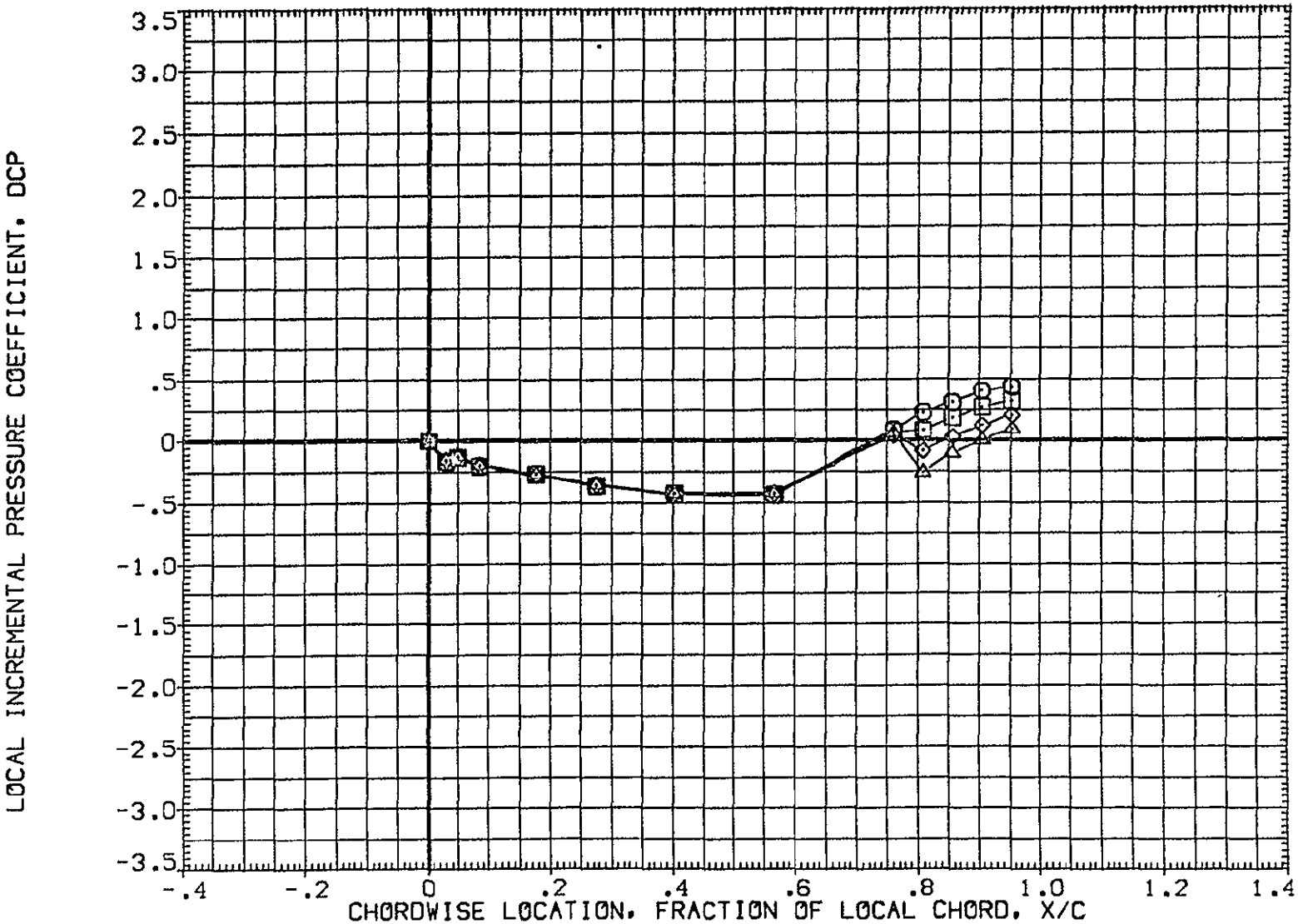

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

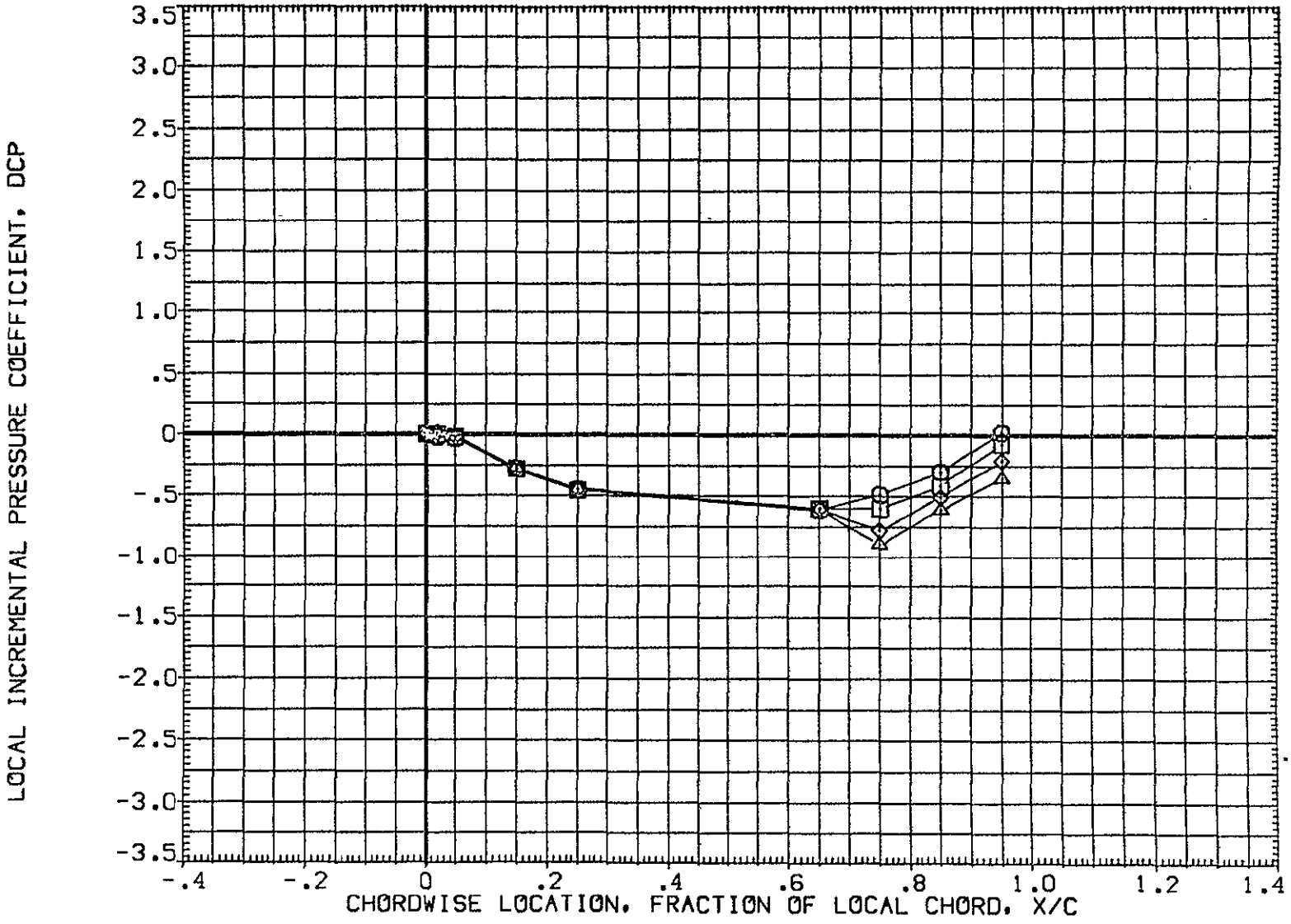

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

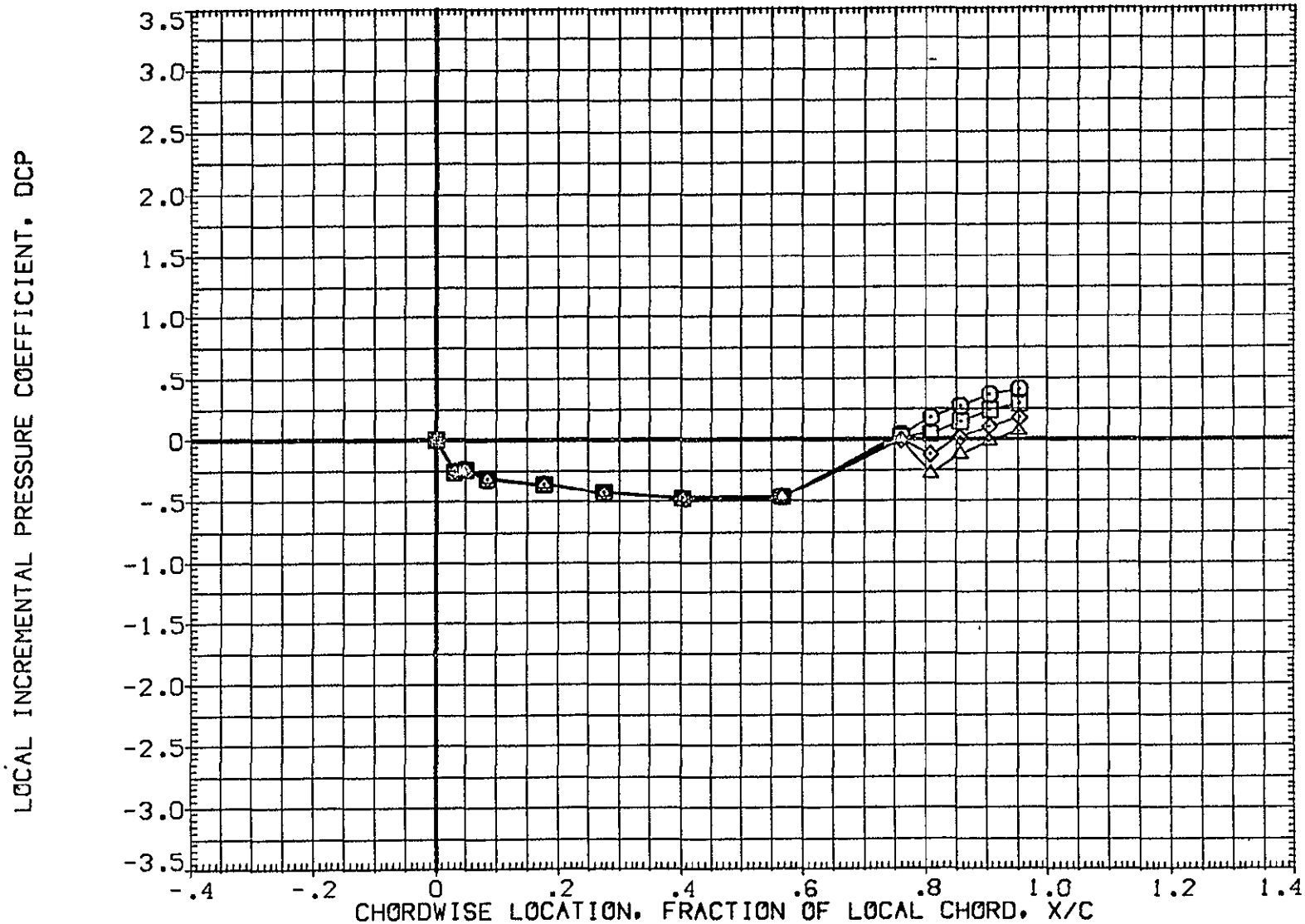

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

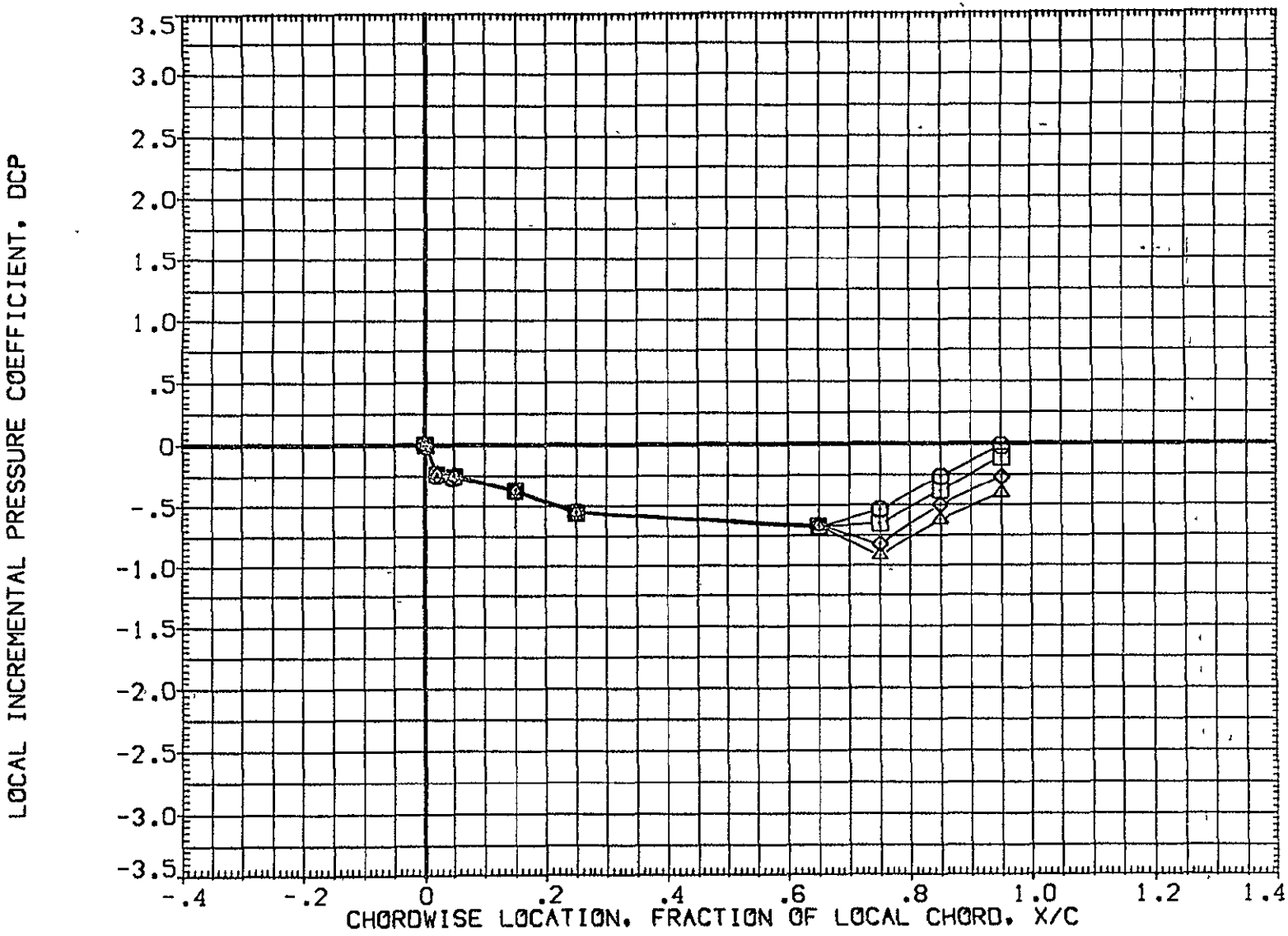

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7051)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7056)	⊠	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7061)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

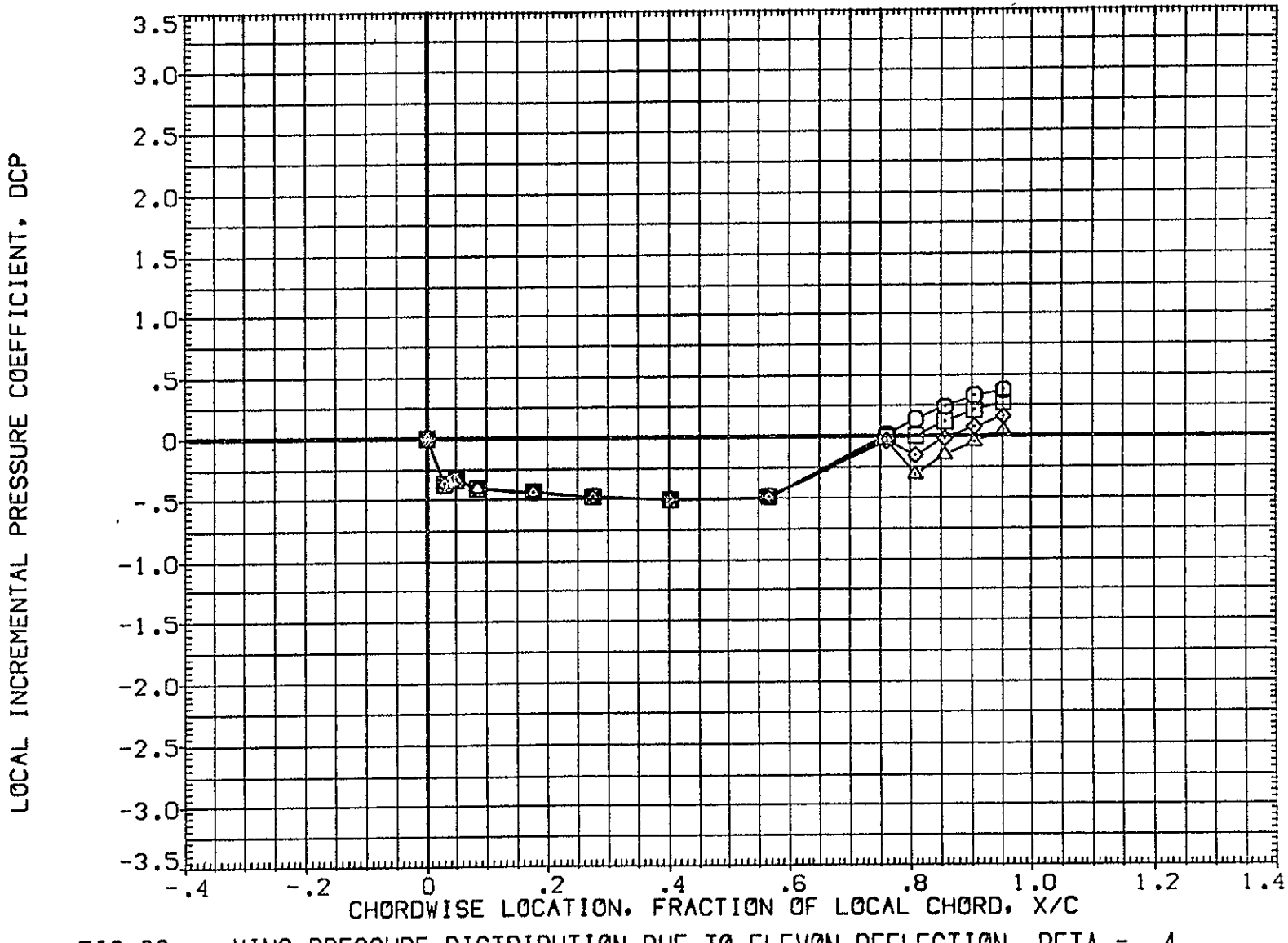

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7051)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7056)	⋈	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7061)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

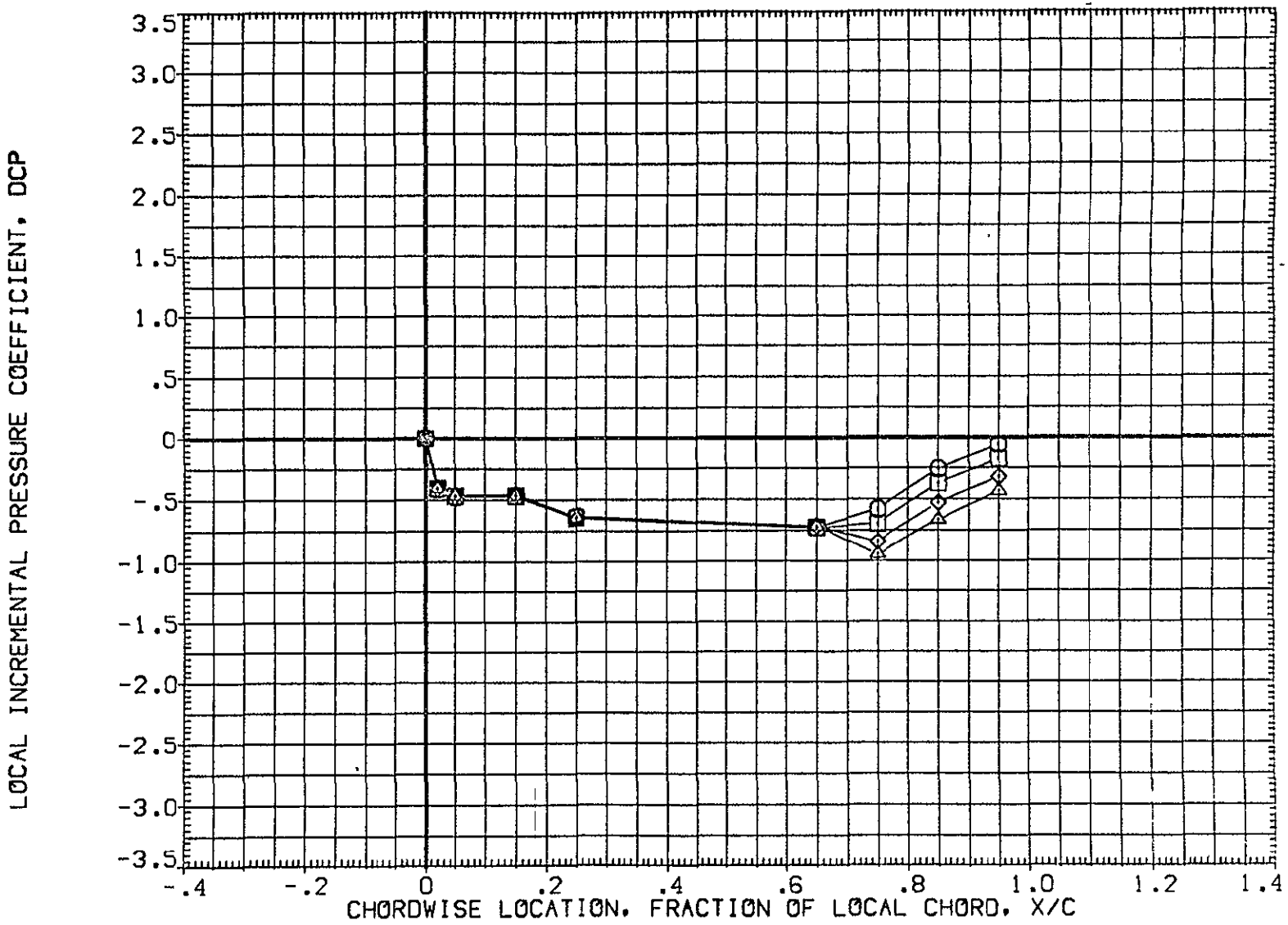

FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◁	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

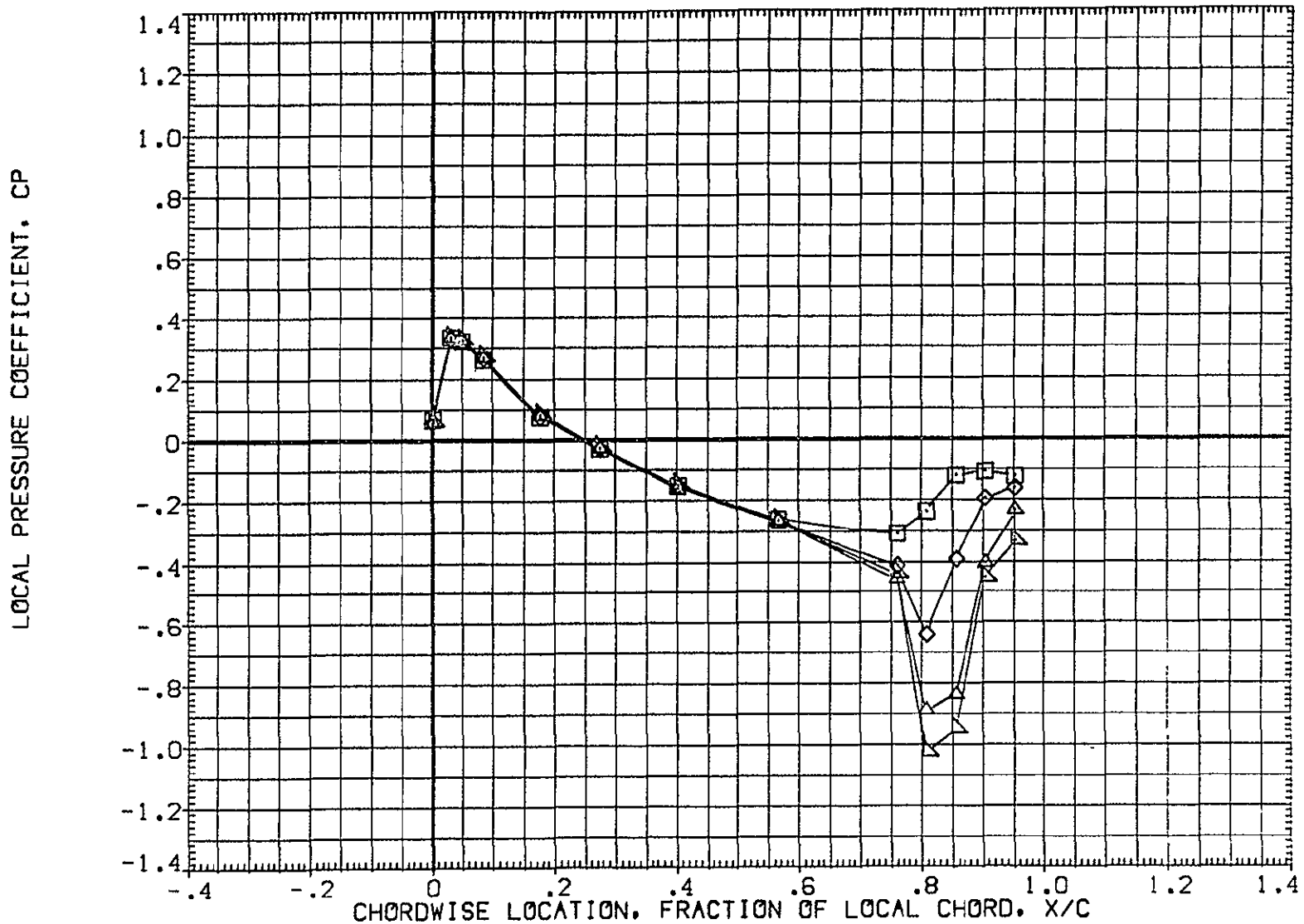

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

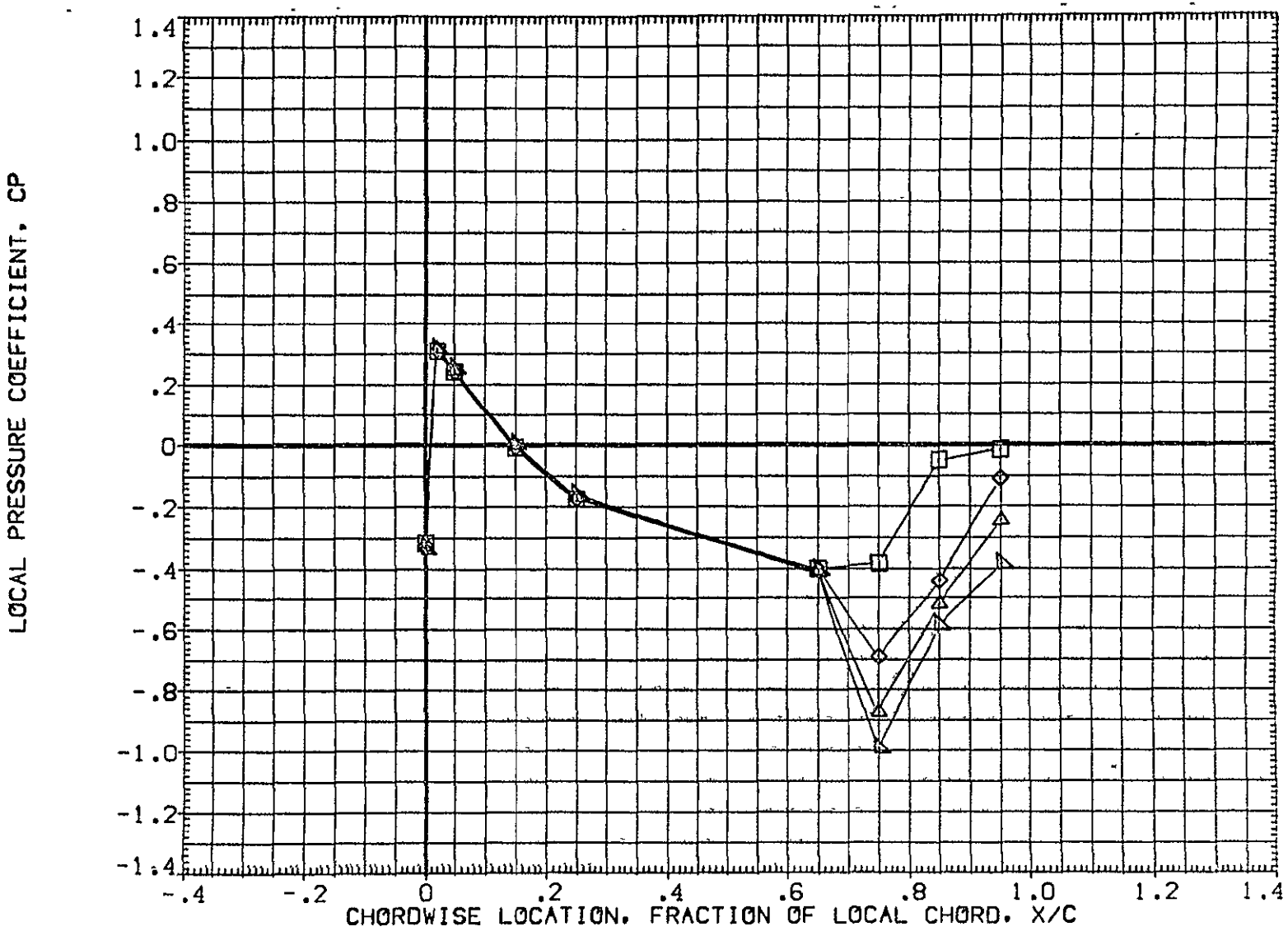

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .771 PAGE 1062

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

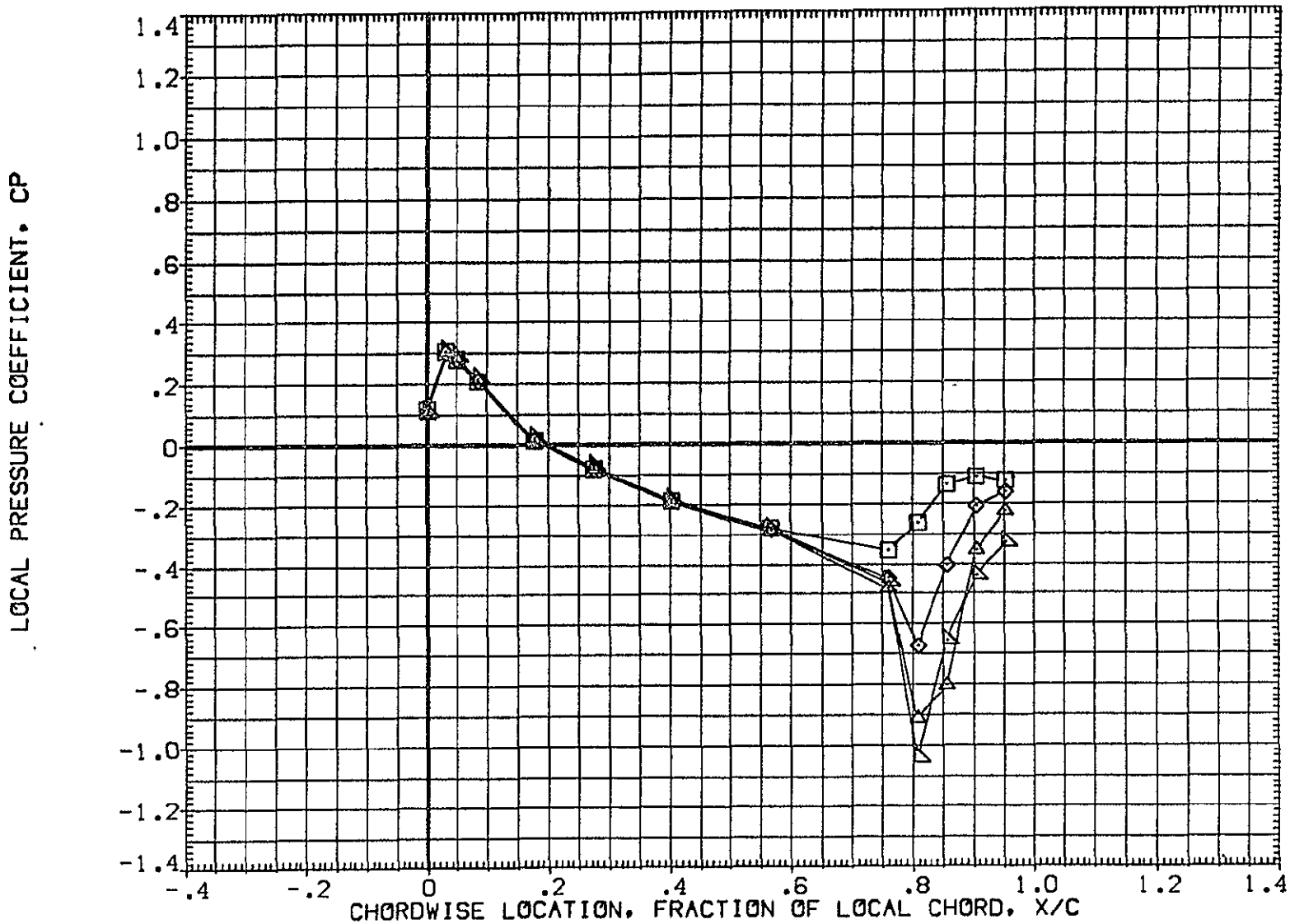

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

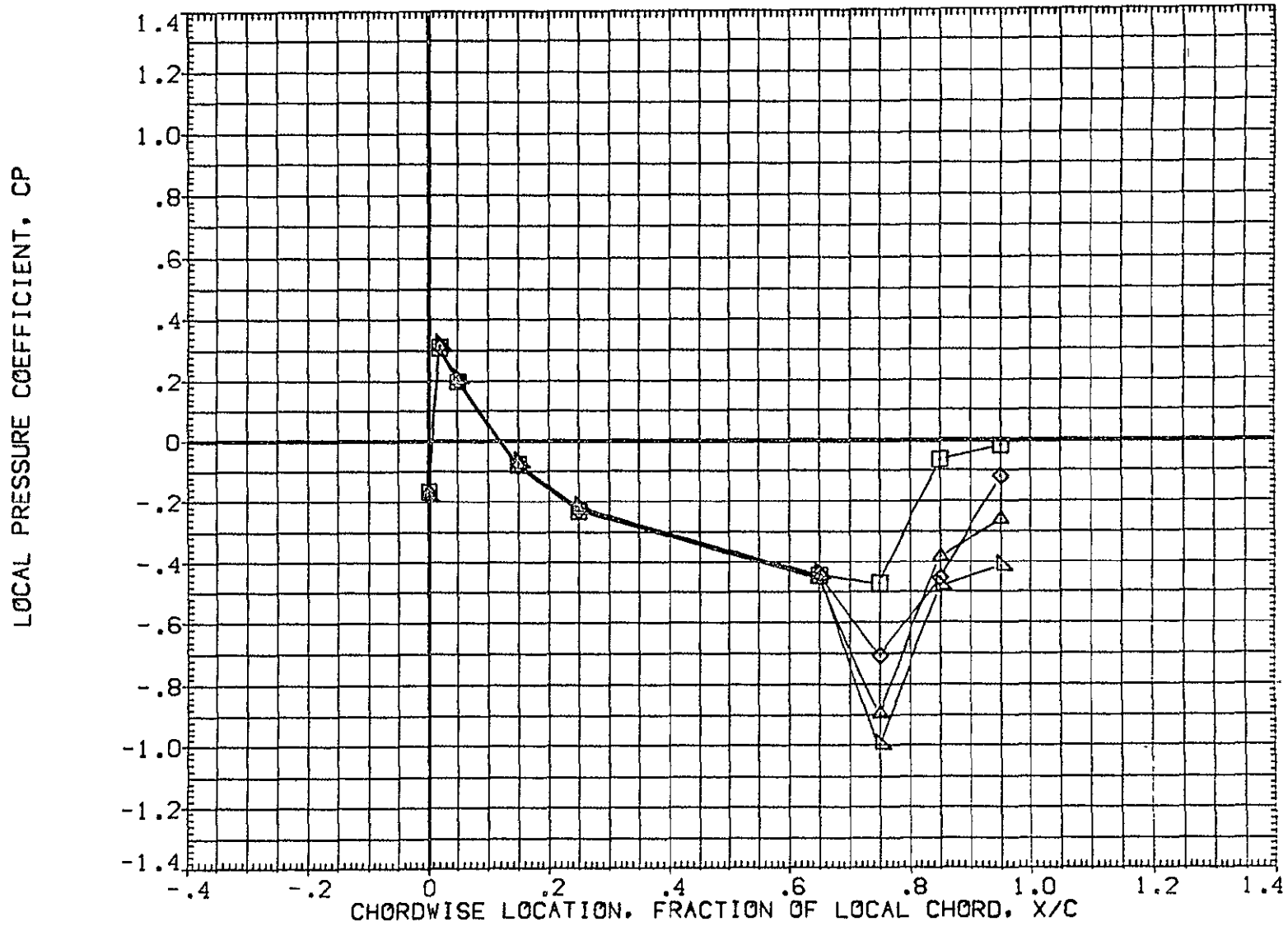

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▷	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

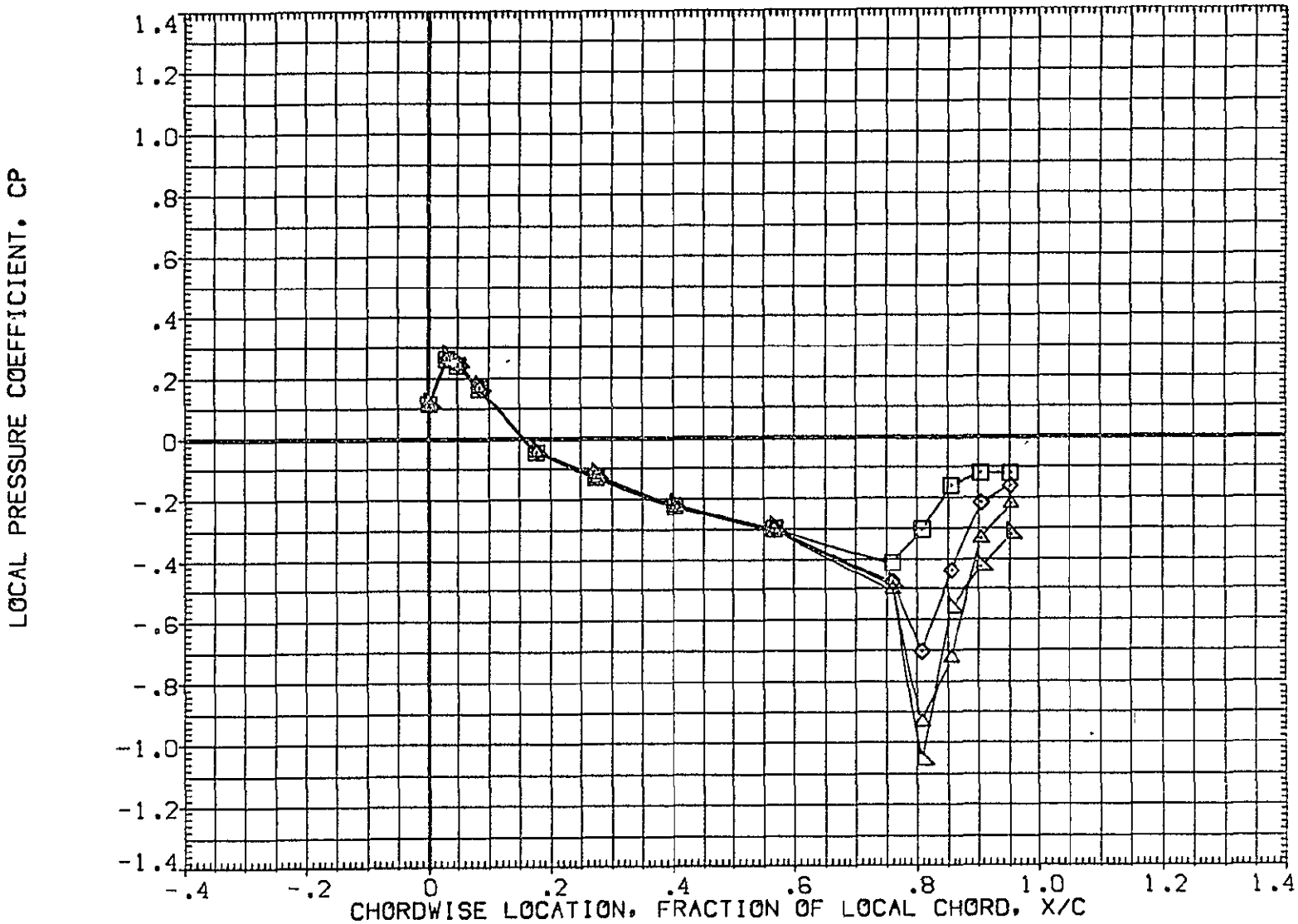

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

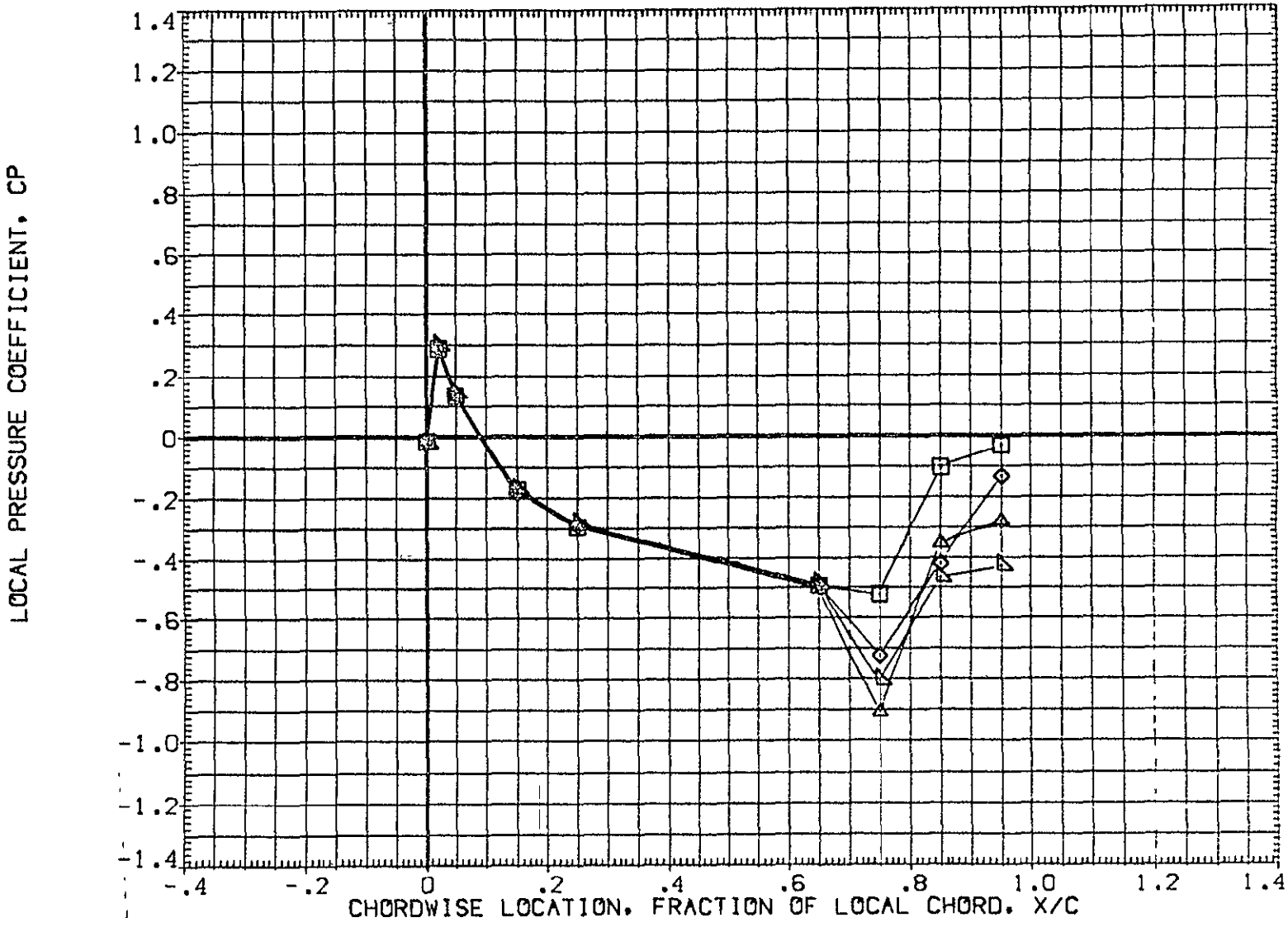

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

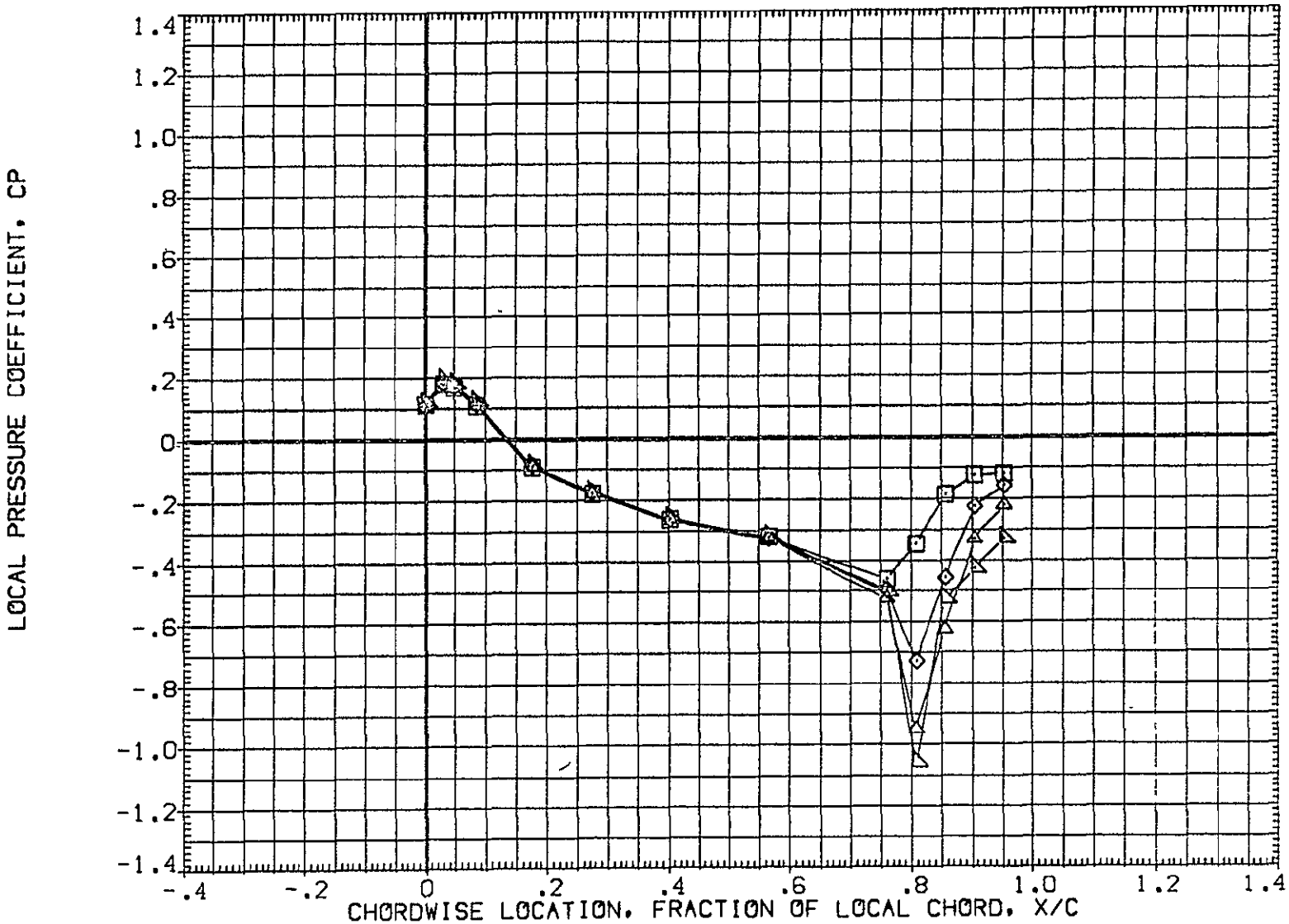

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

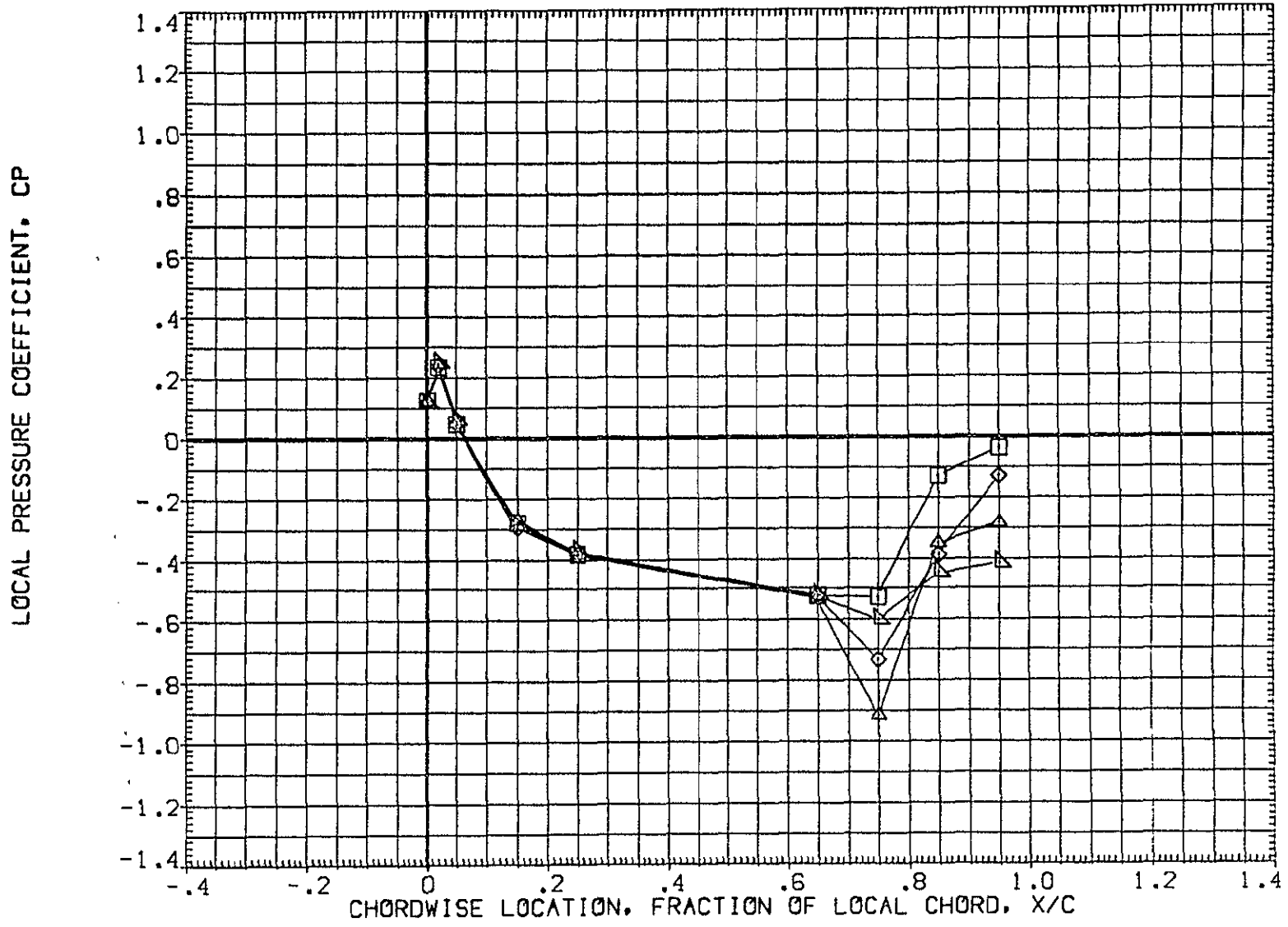

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

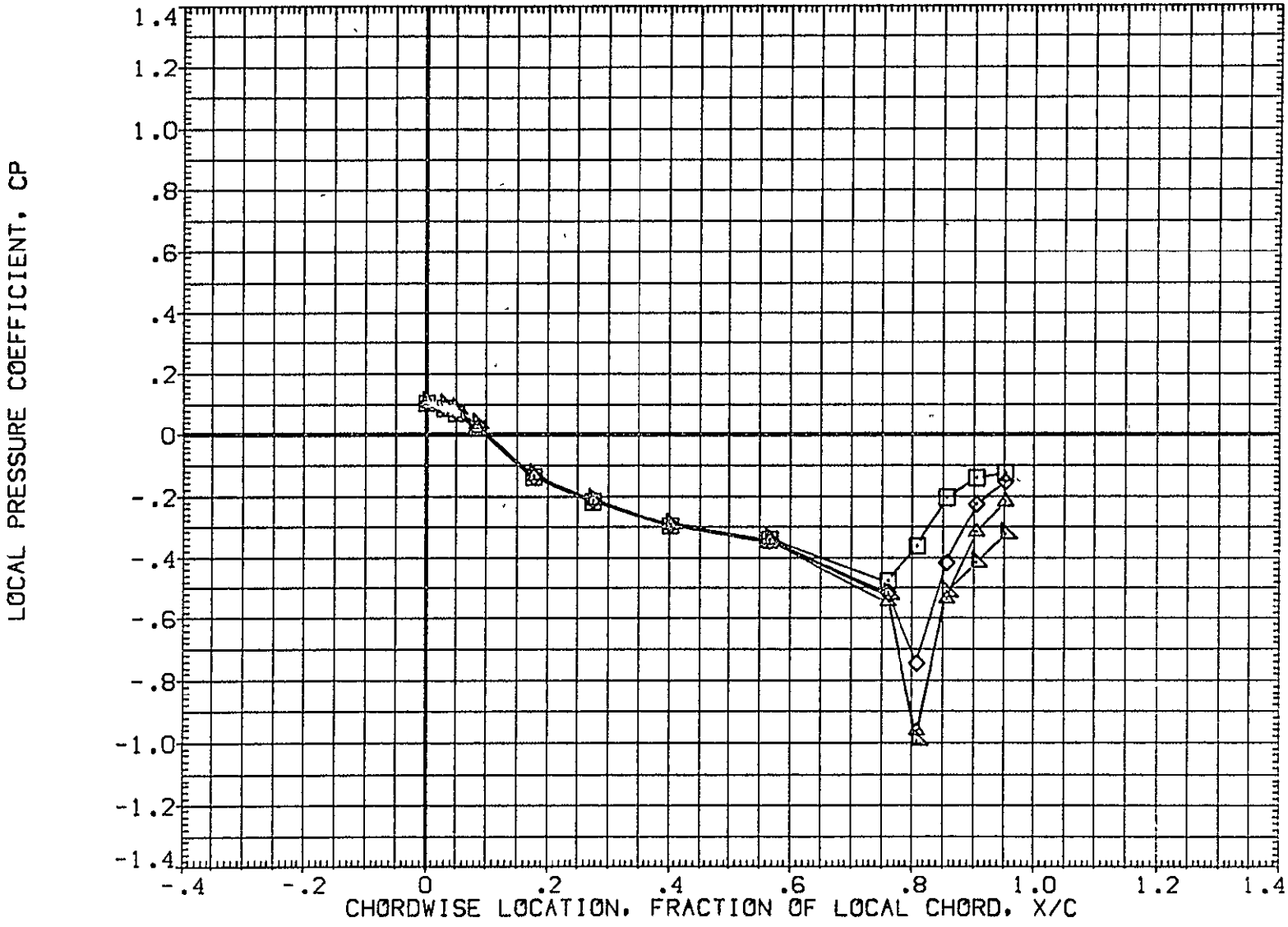

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

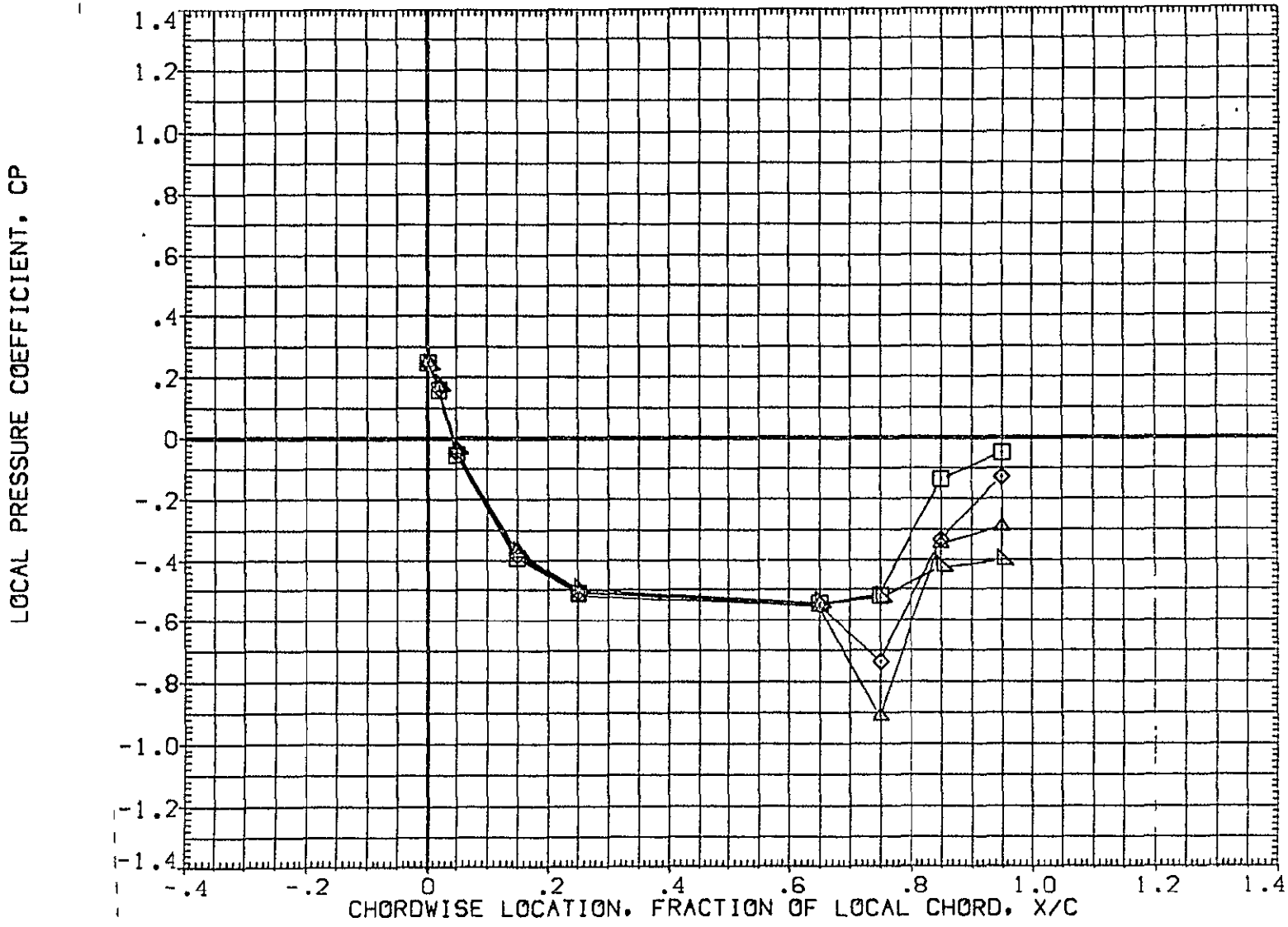

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

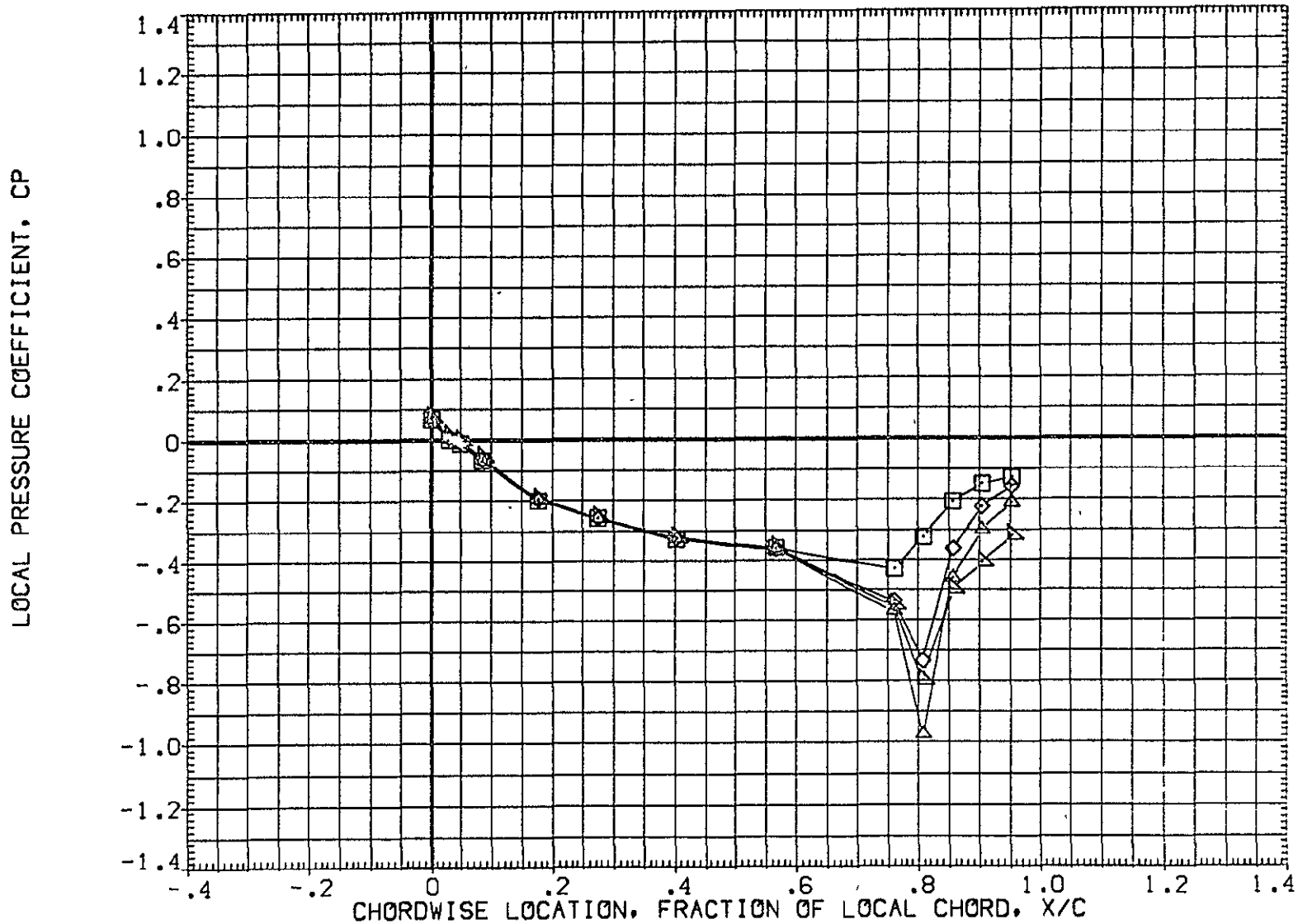

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

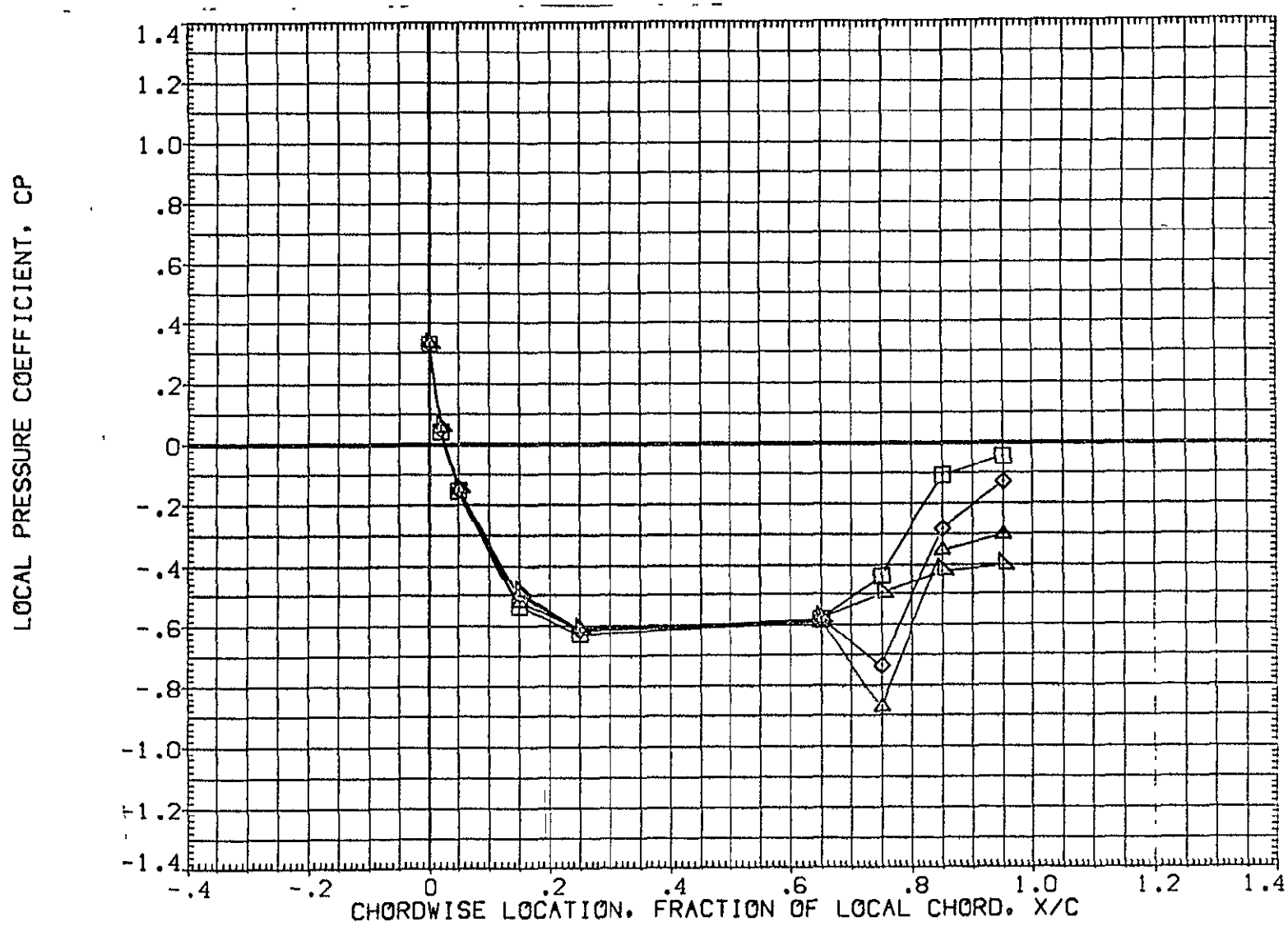

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

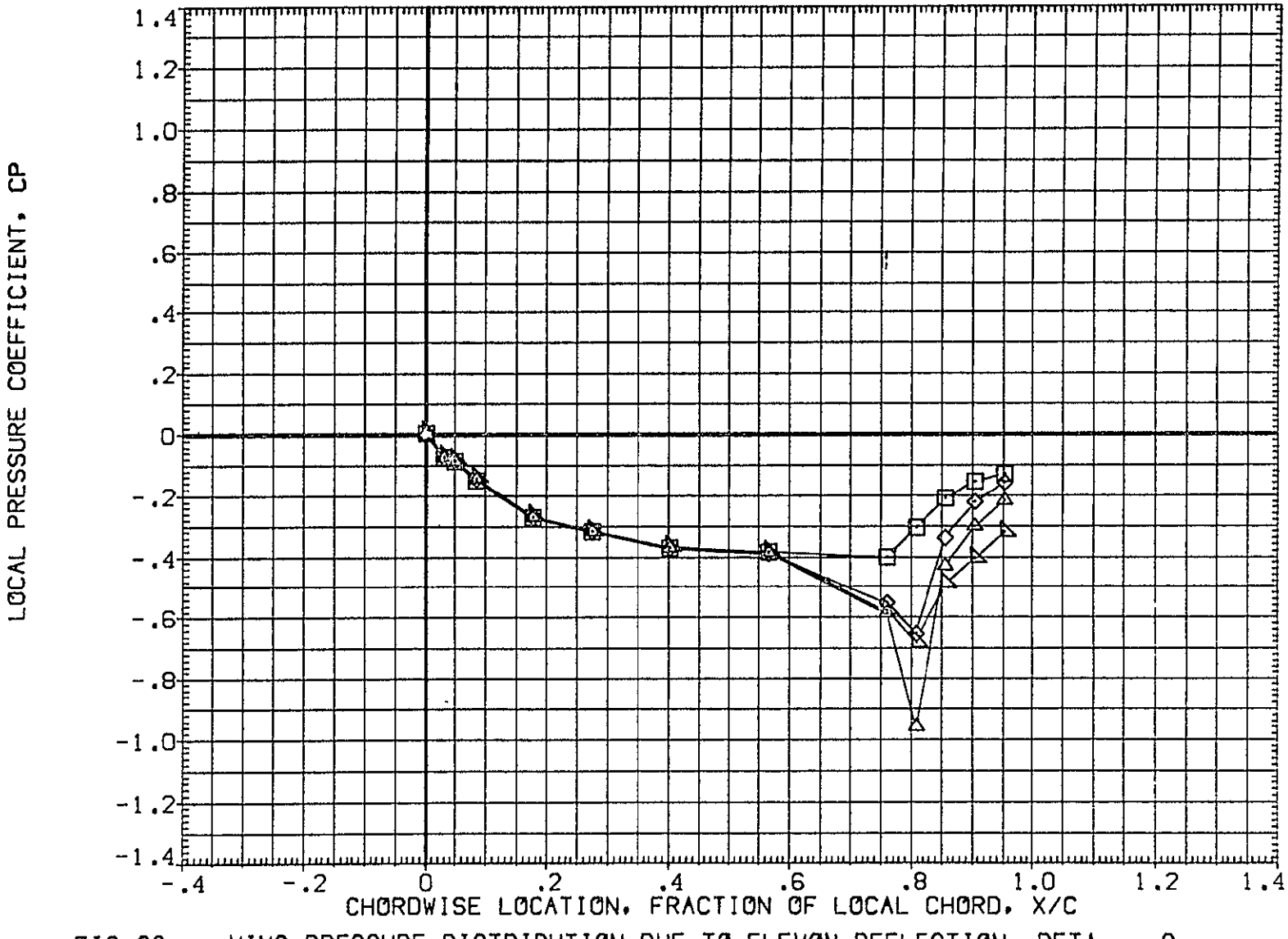

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◺	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

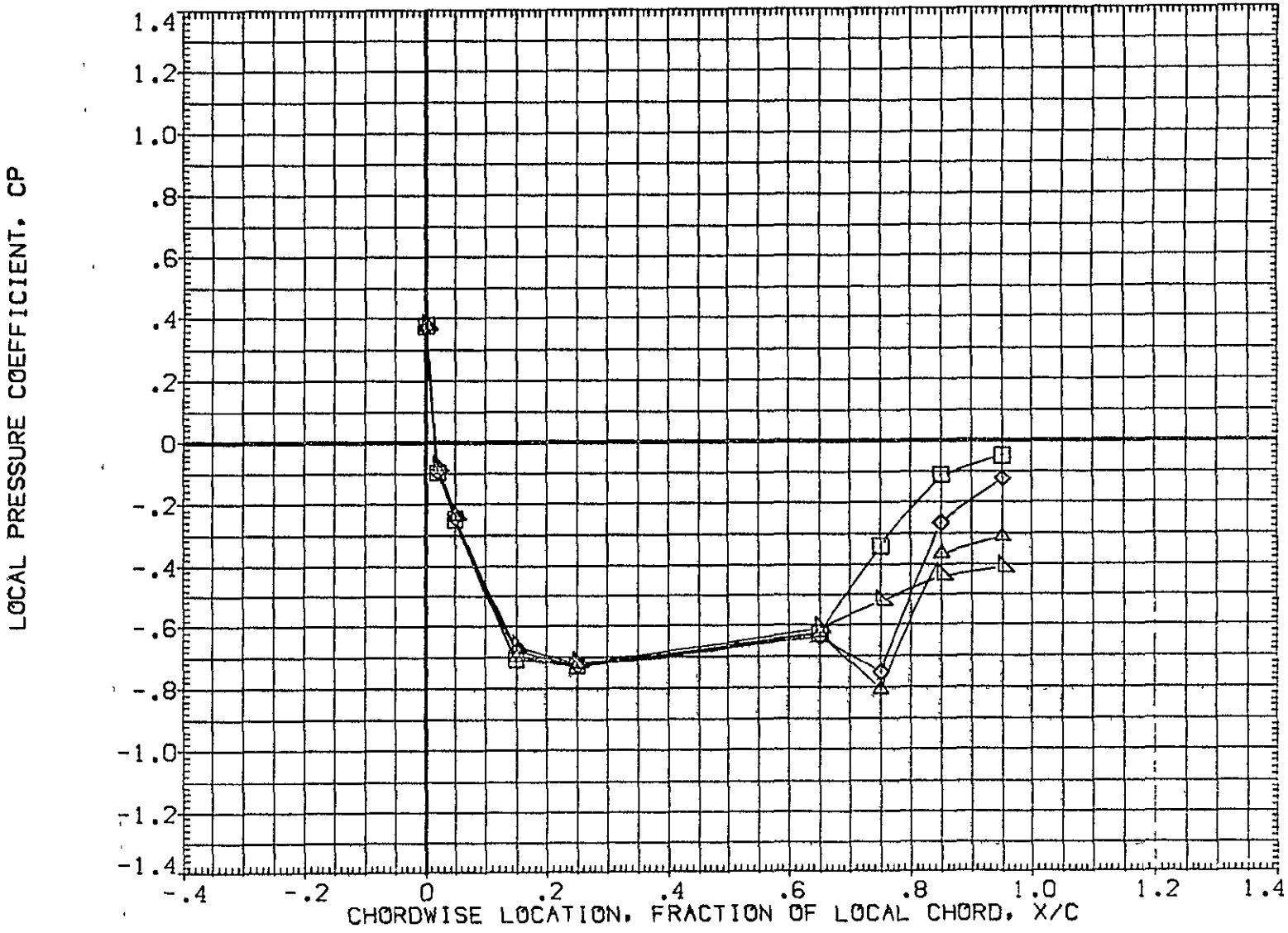

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

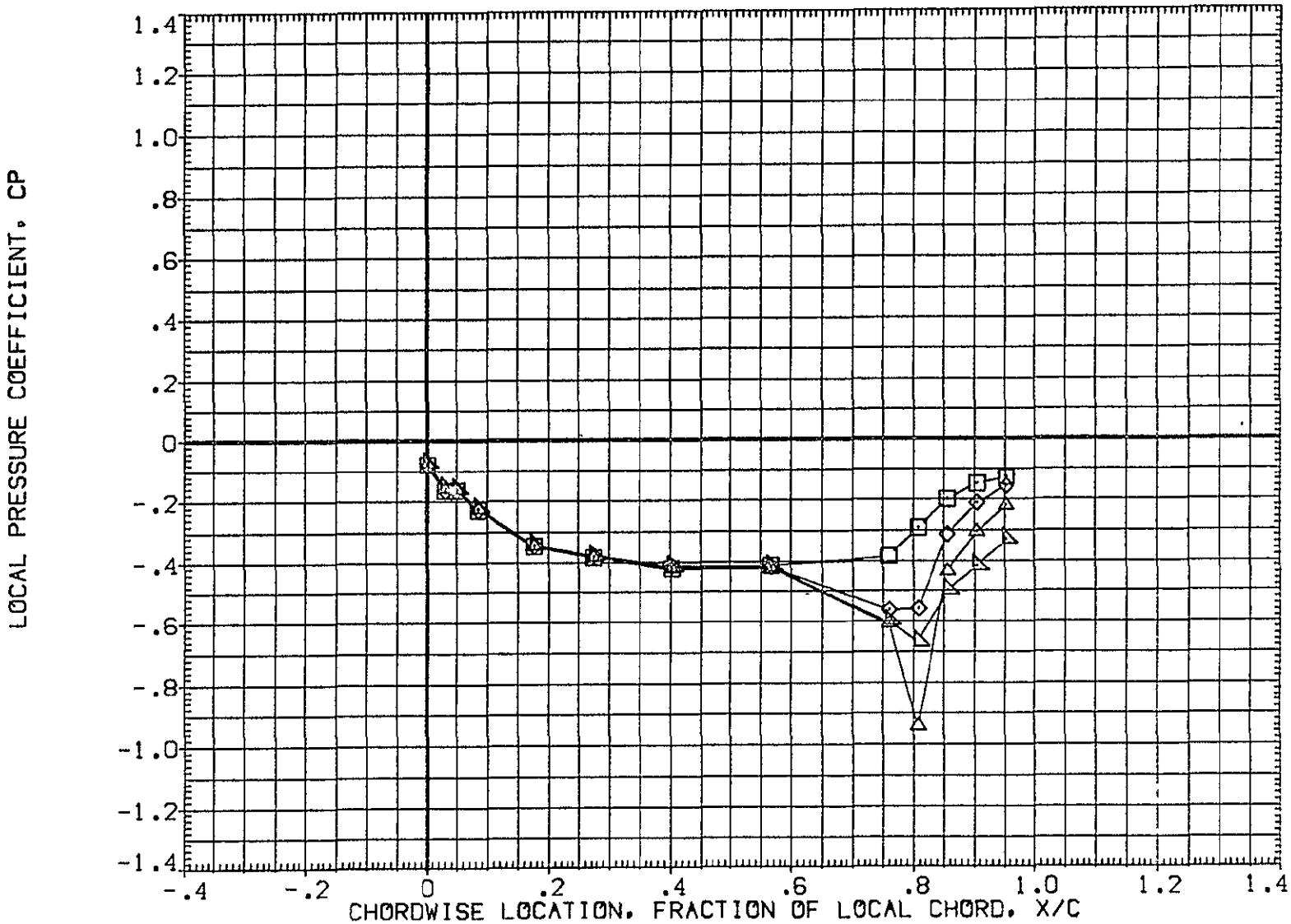

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

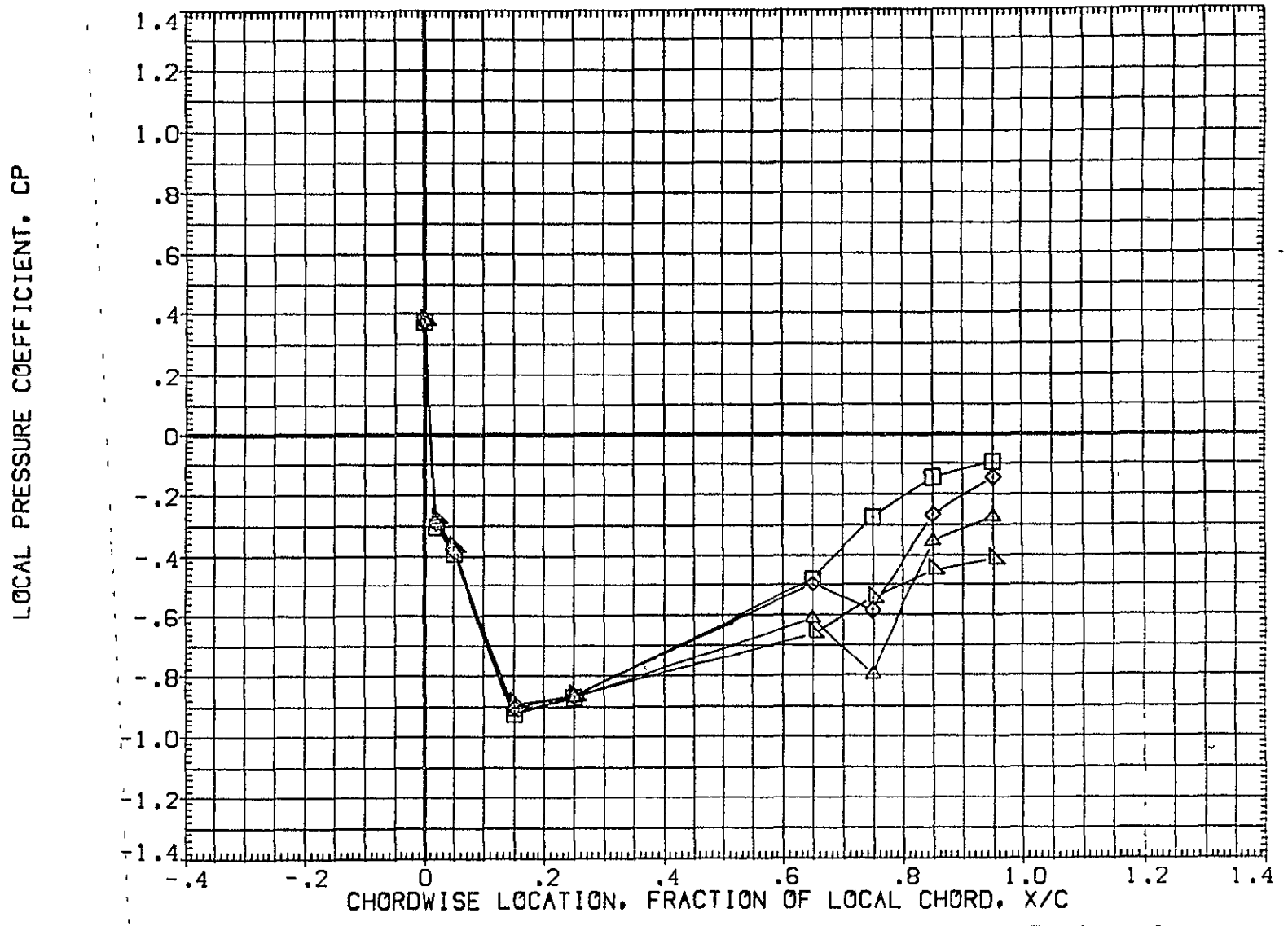

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◺	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

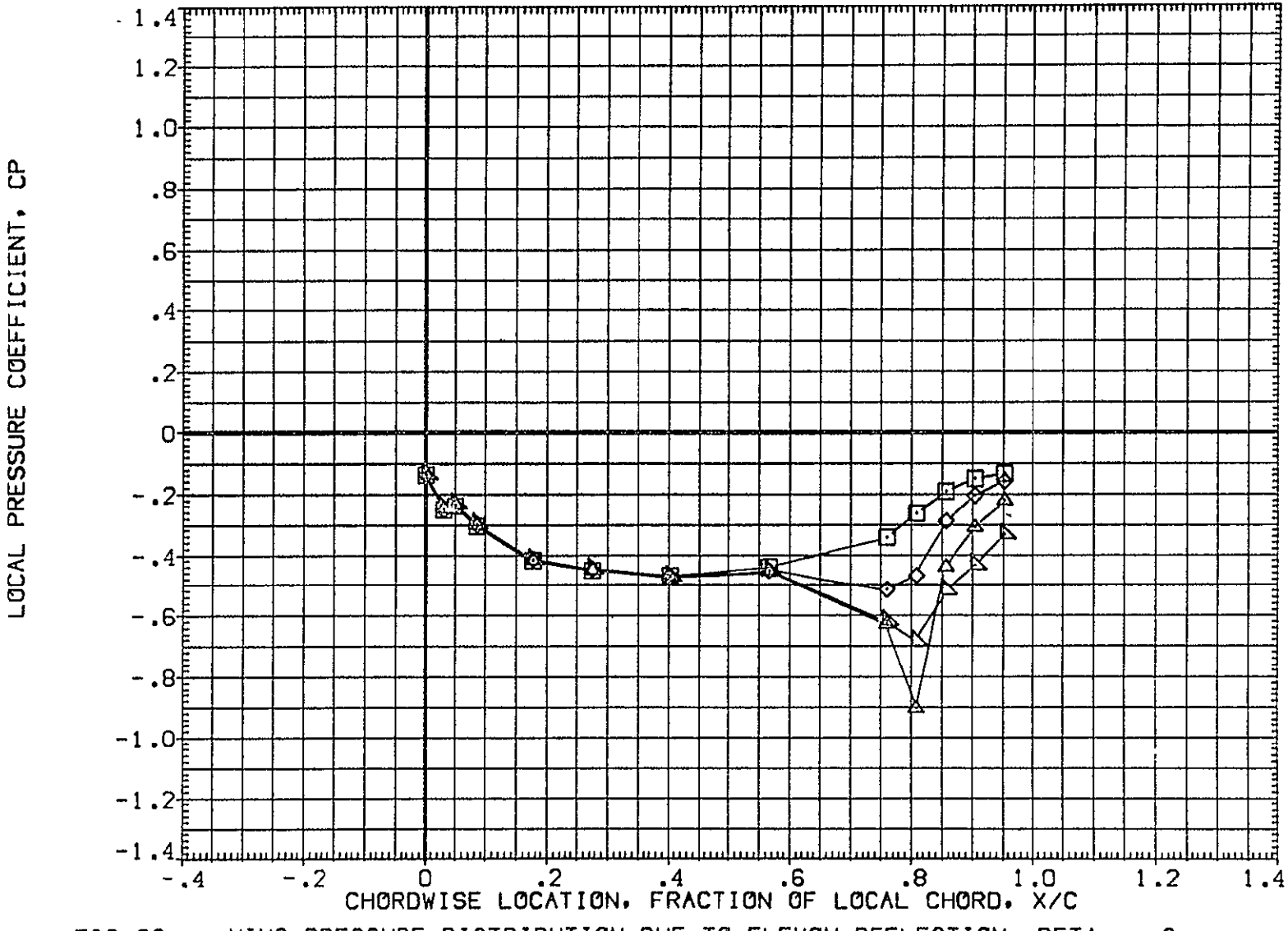

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

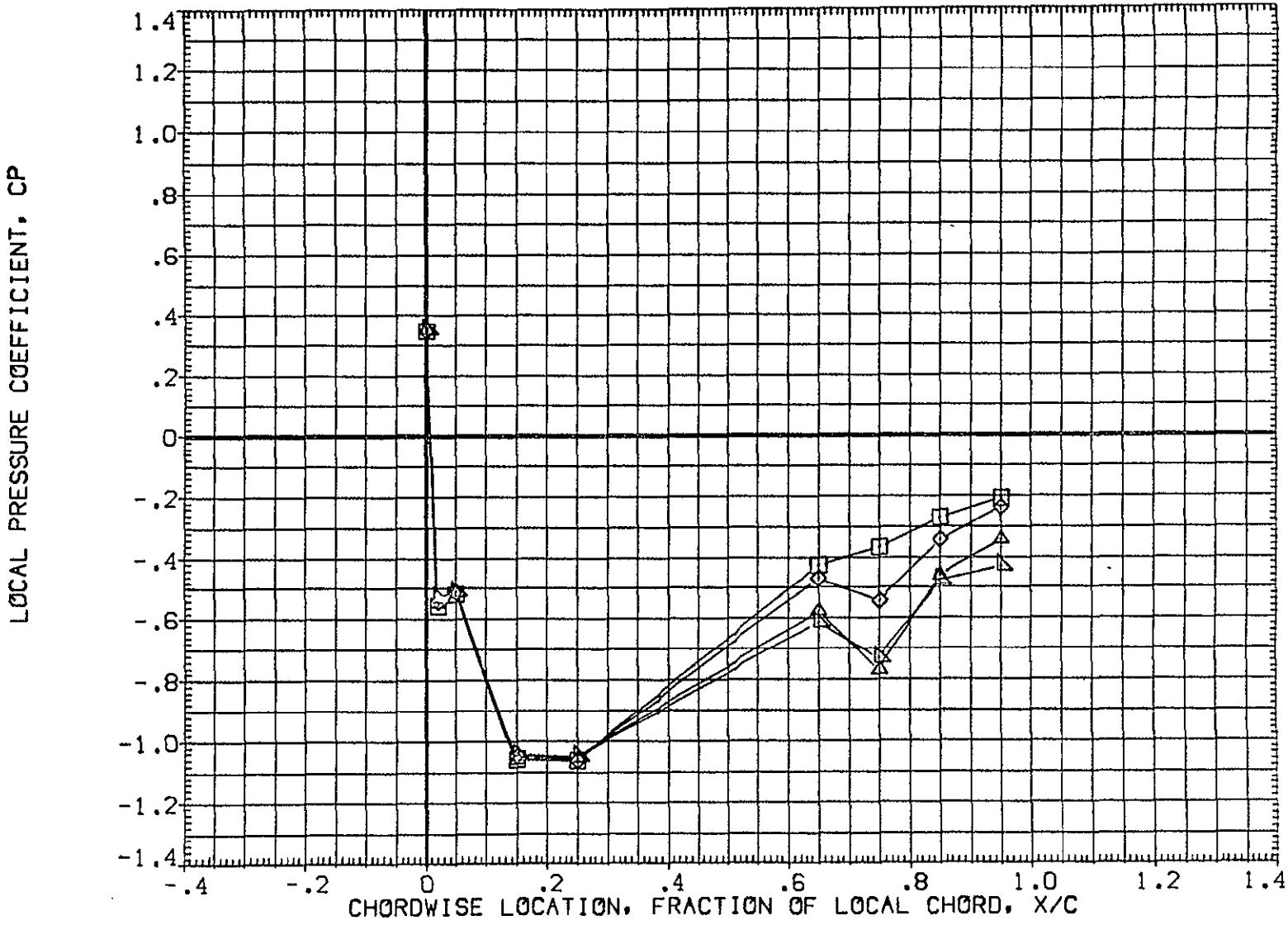

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

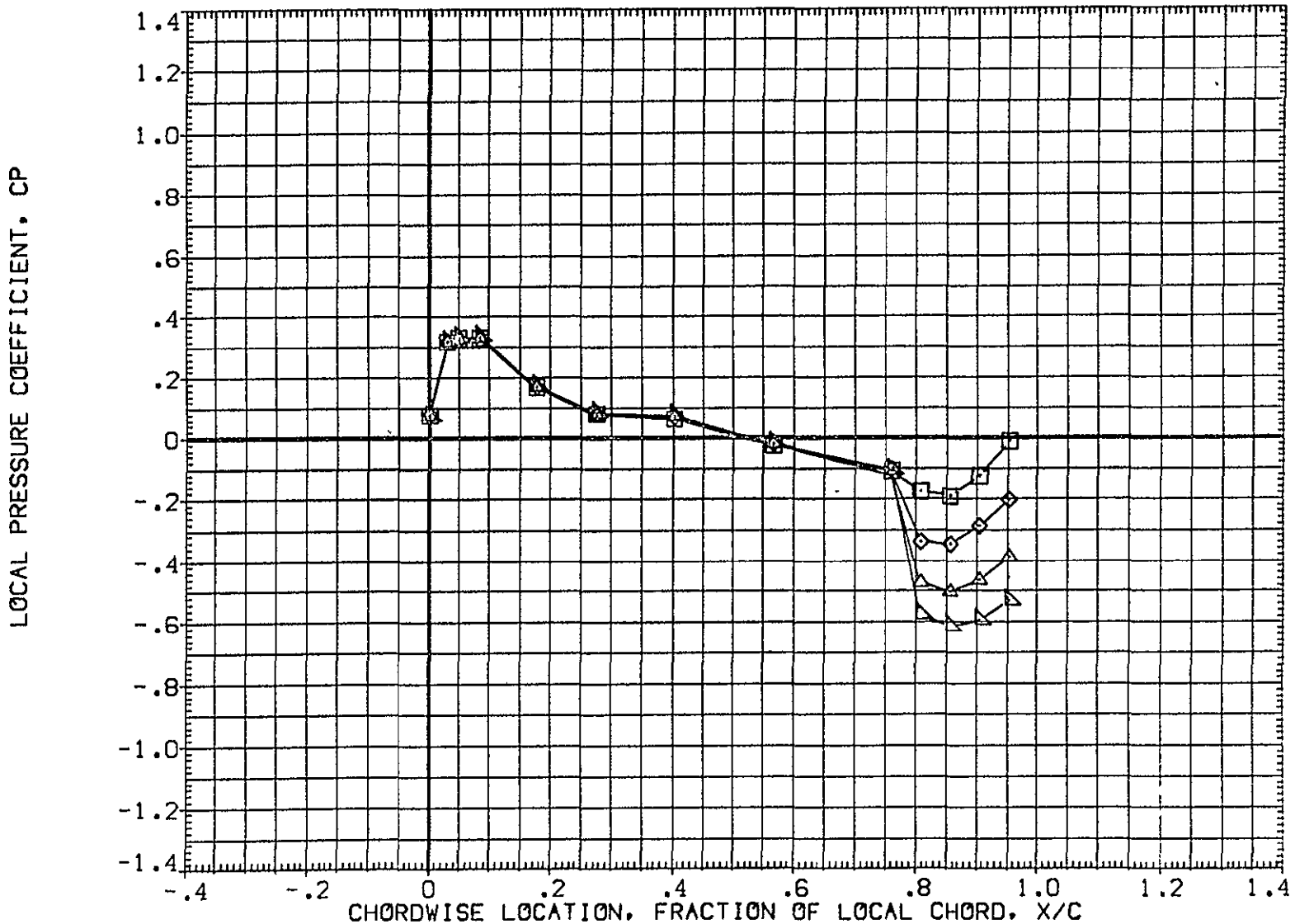

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

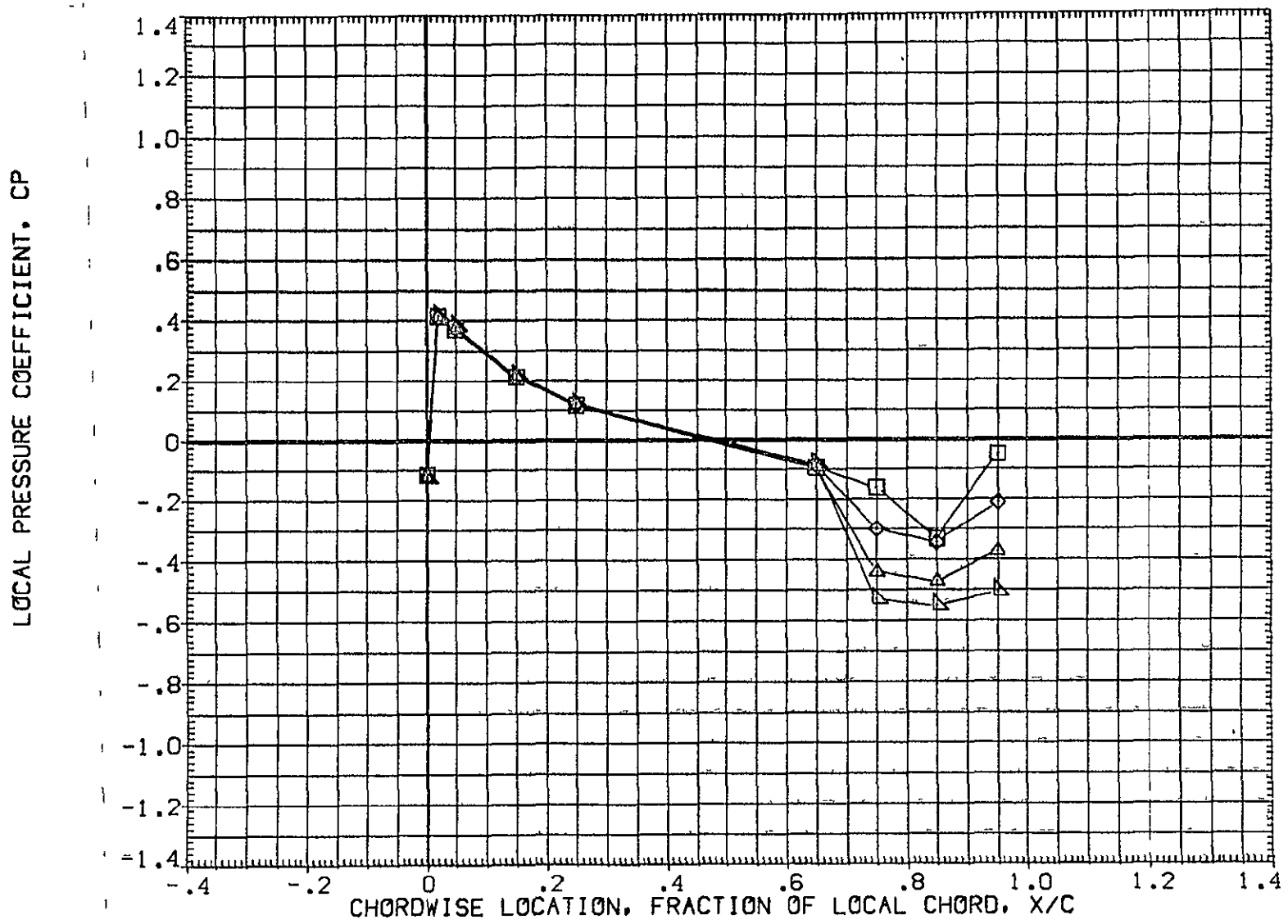

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

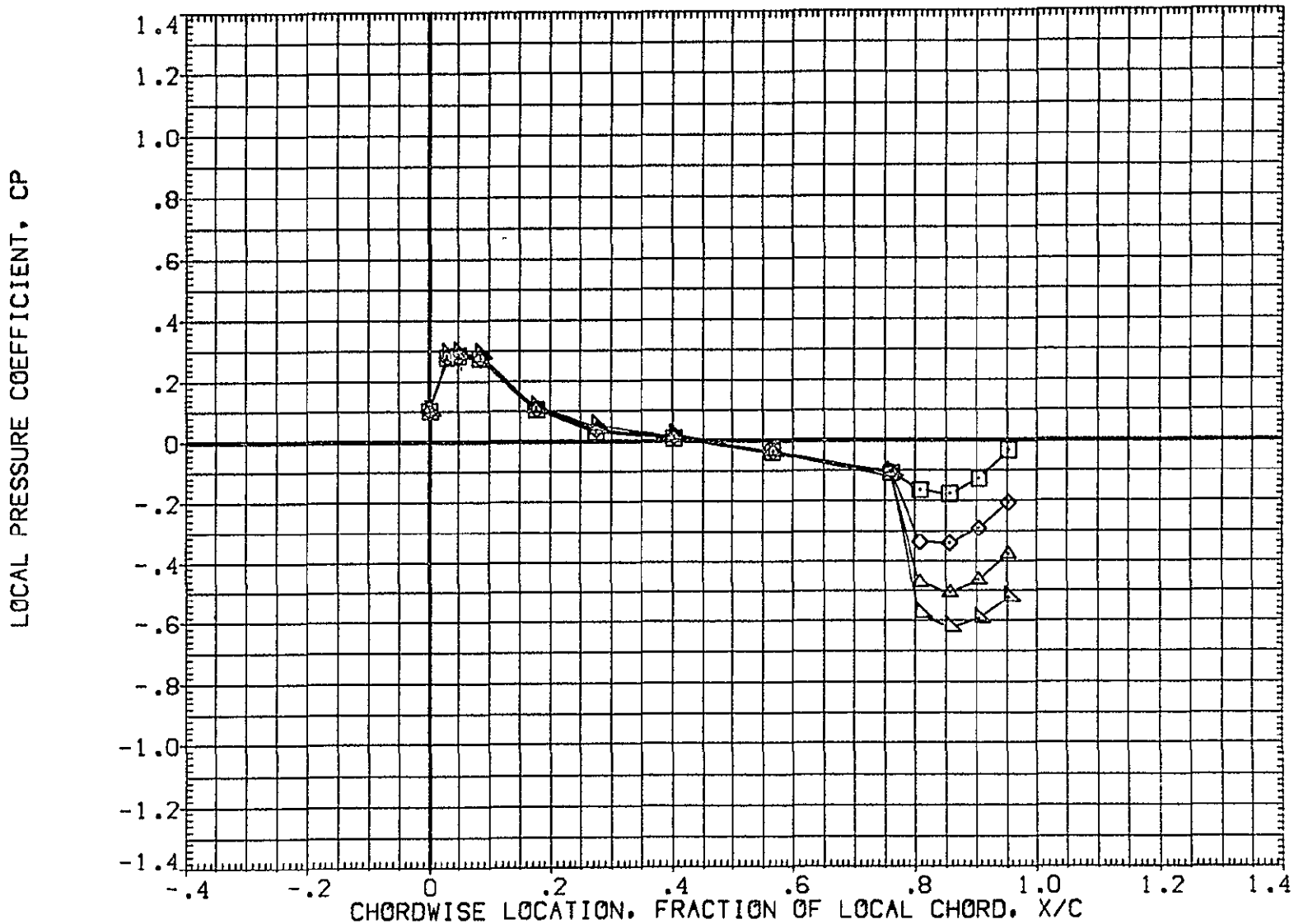

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▷	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

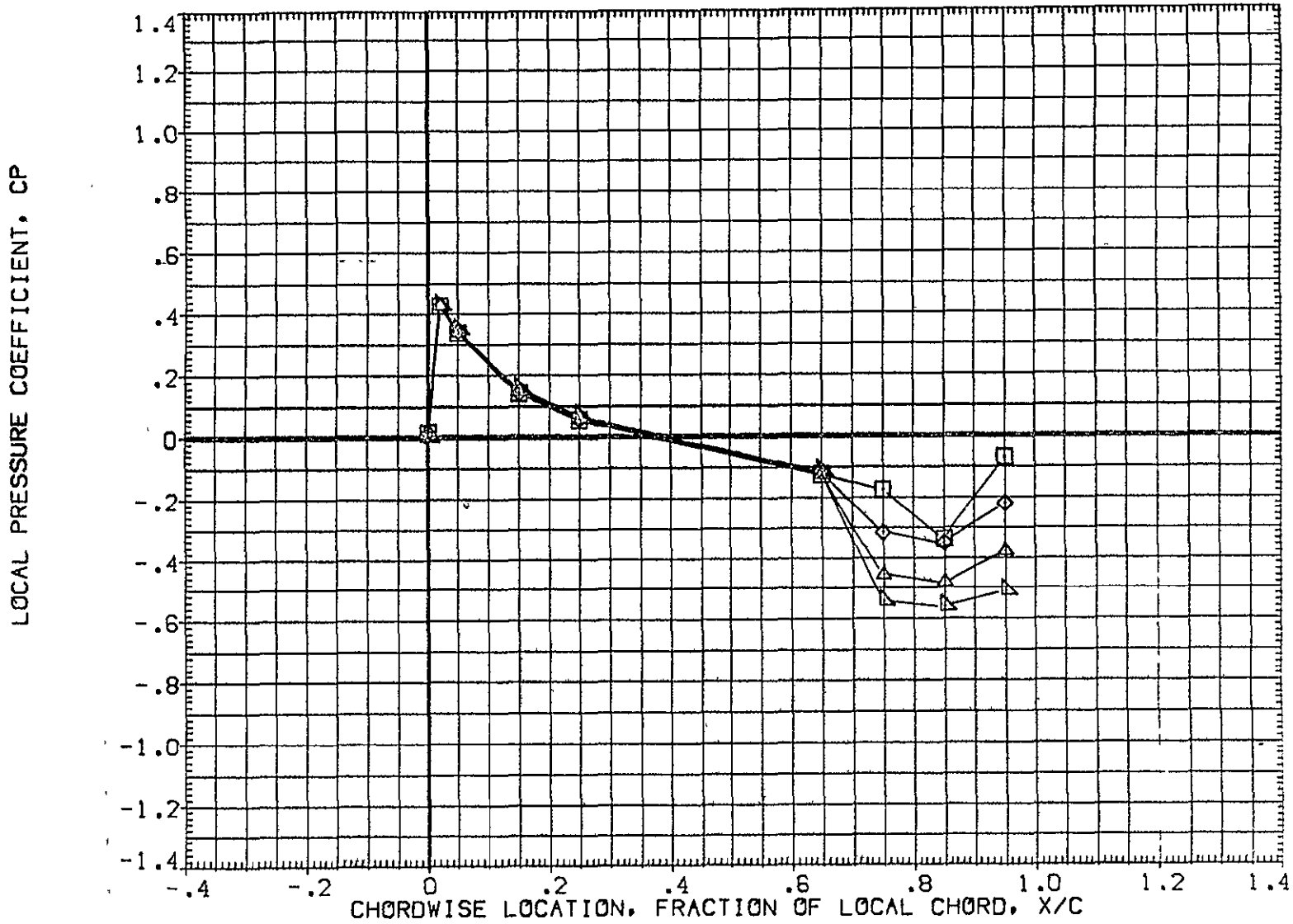

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

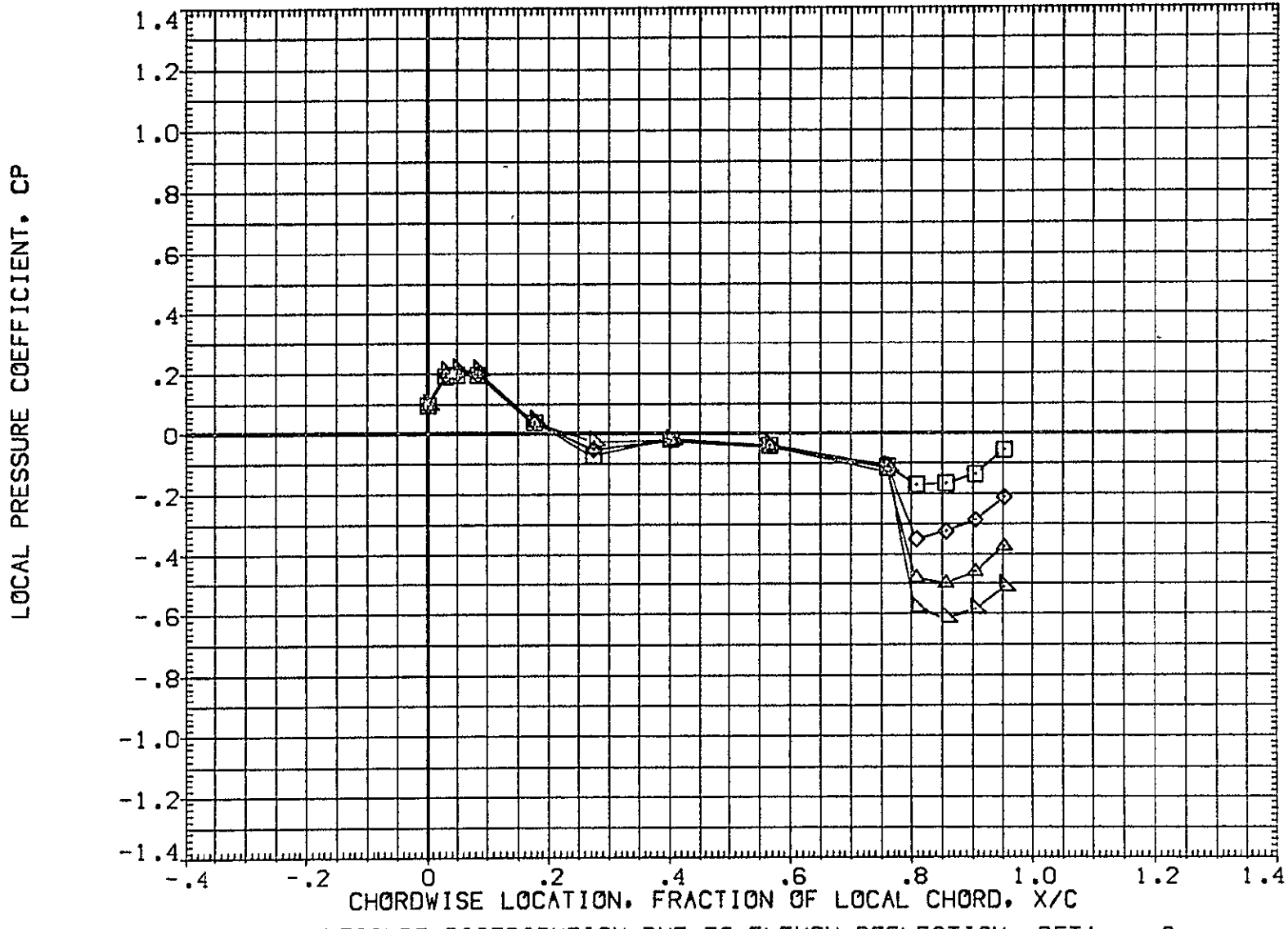

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U82)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

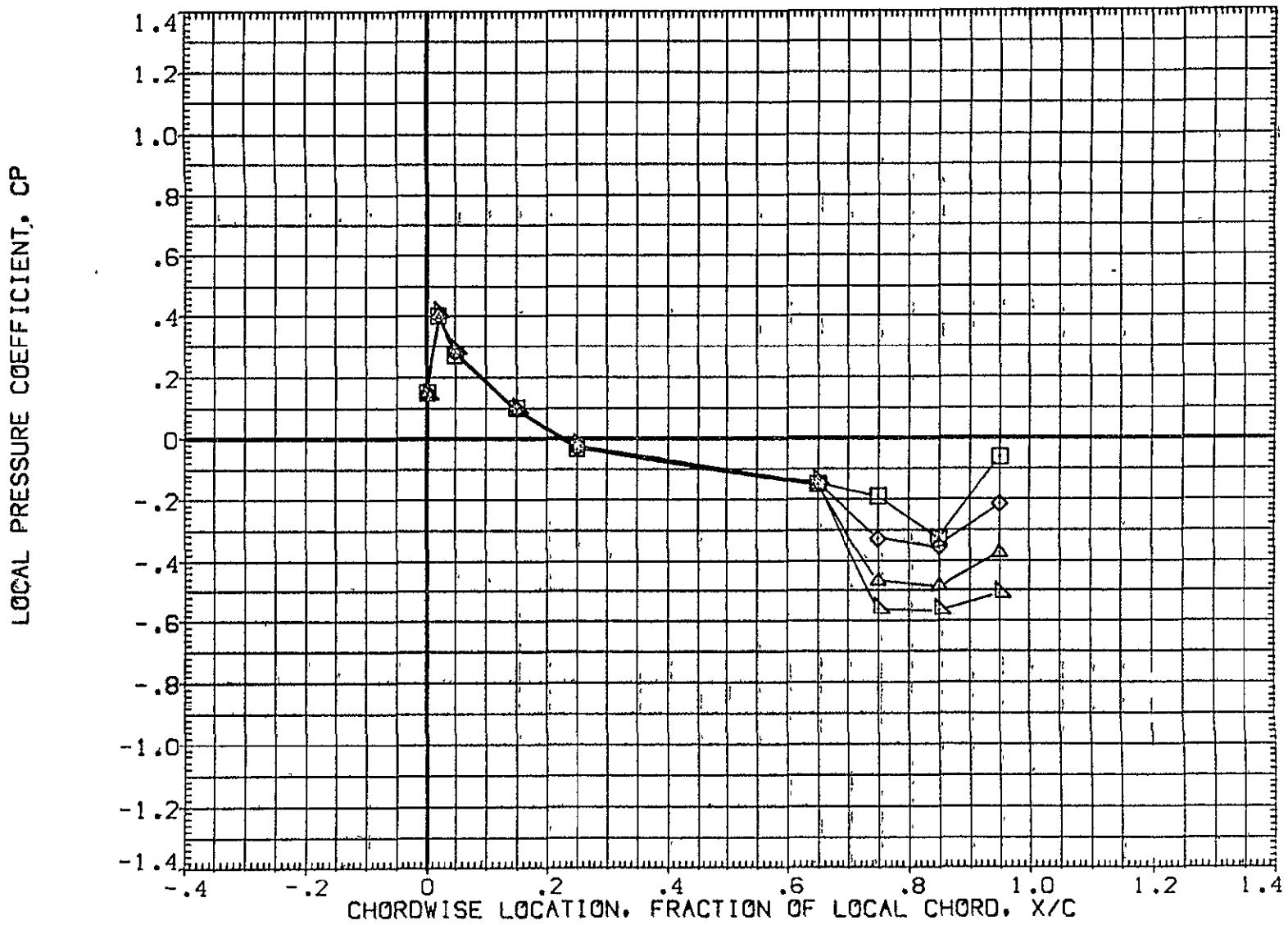

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

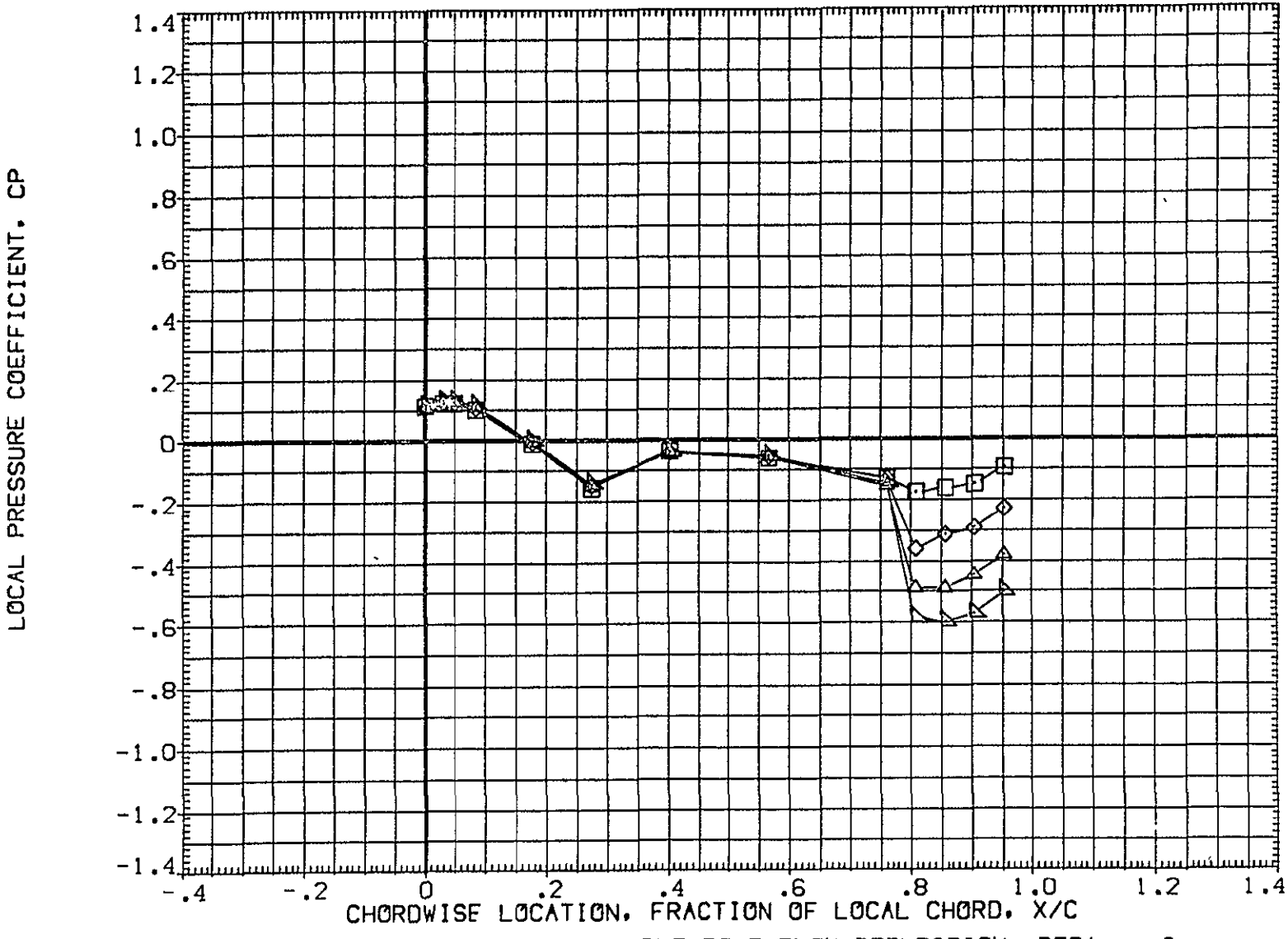

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

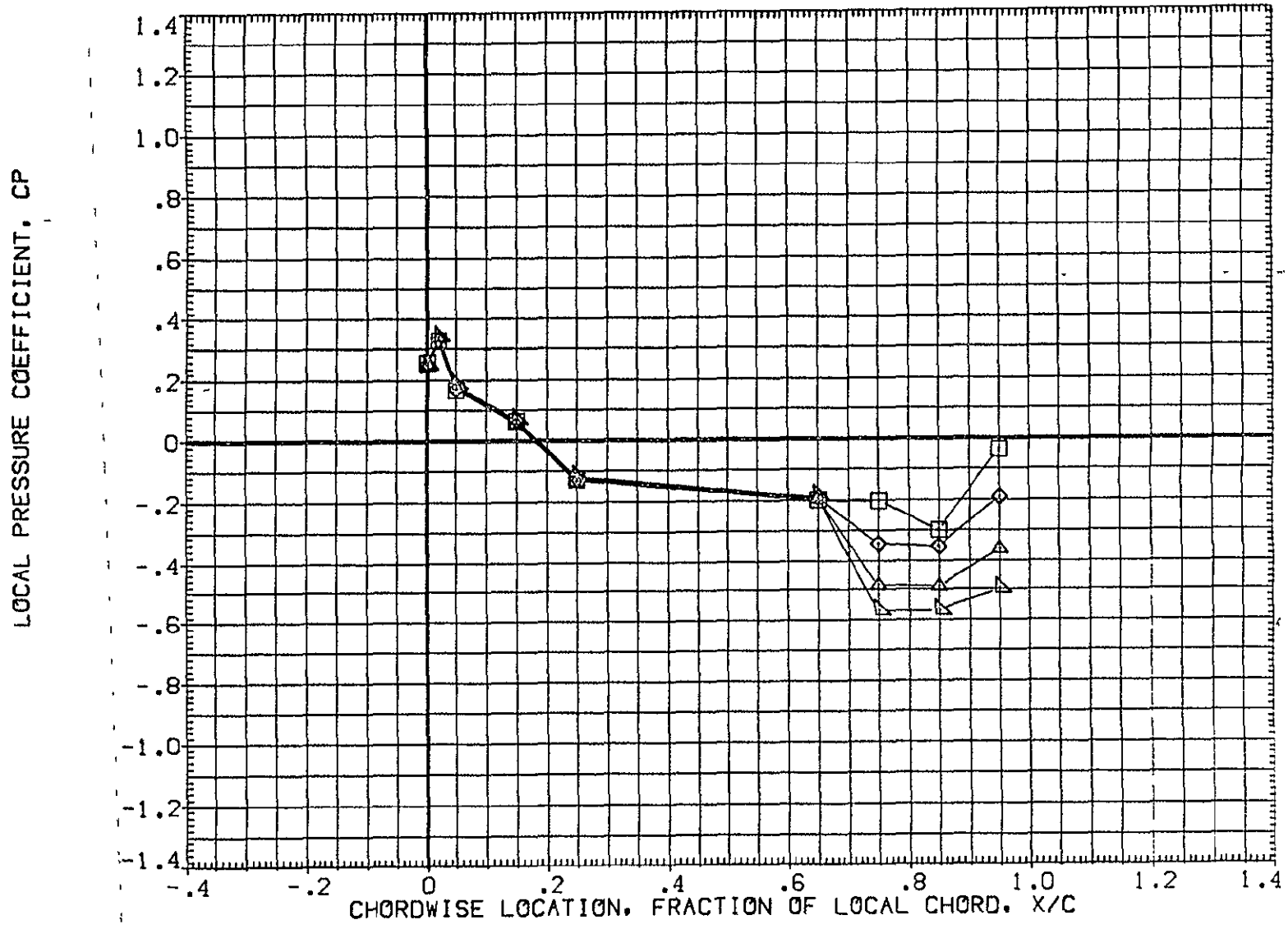

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◺	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

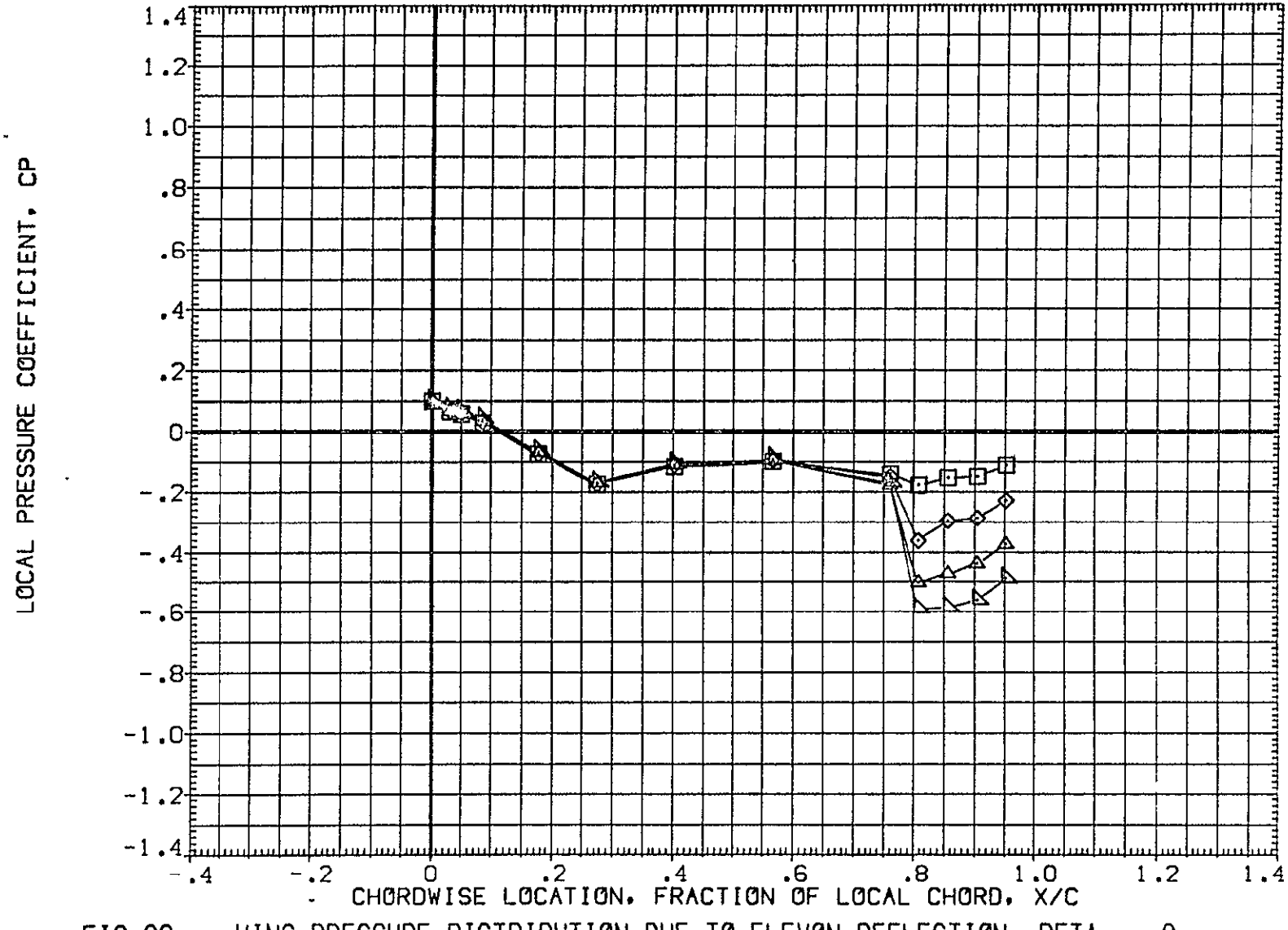

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)		1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

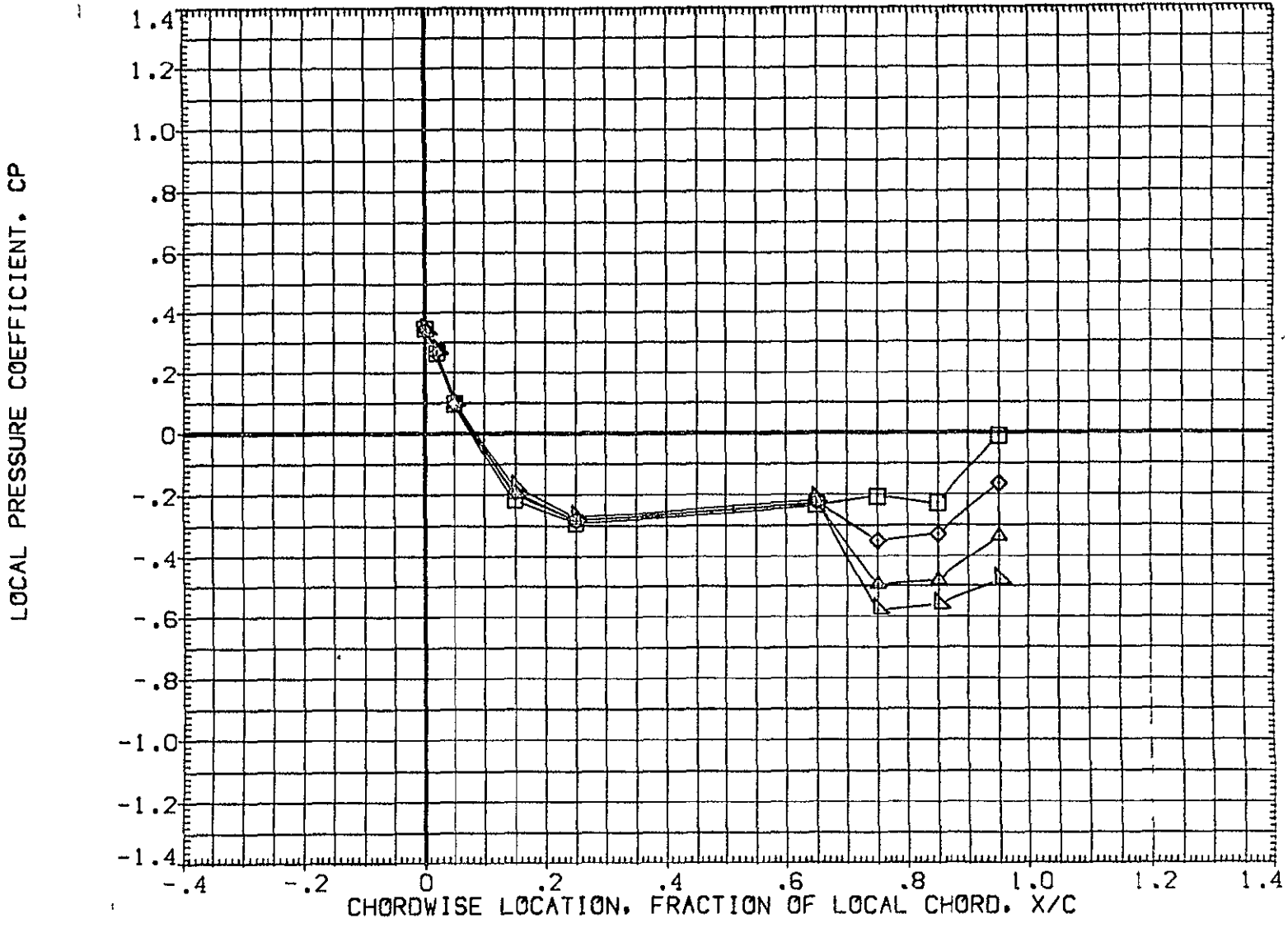

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

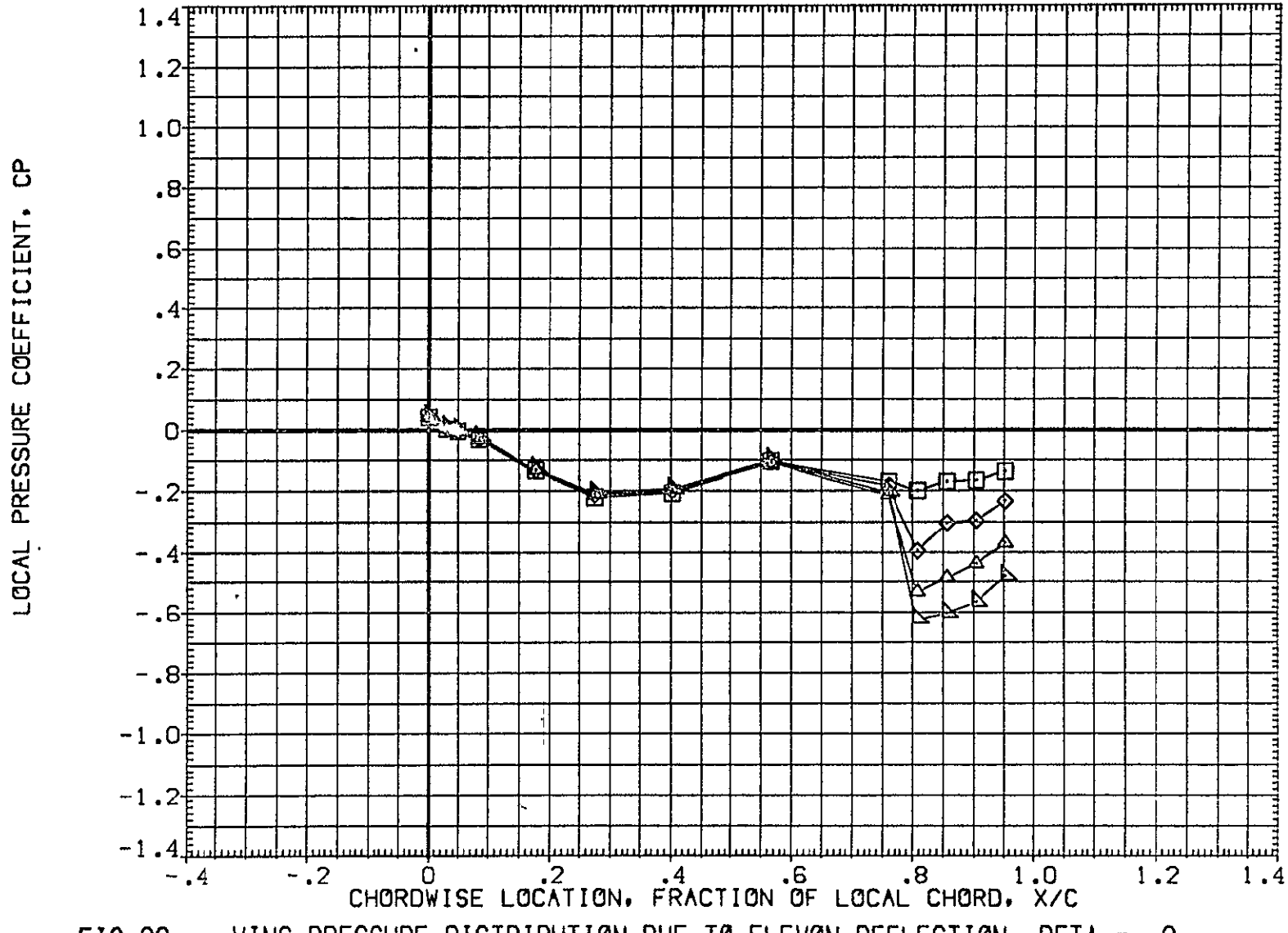

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

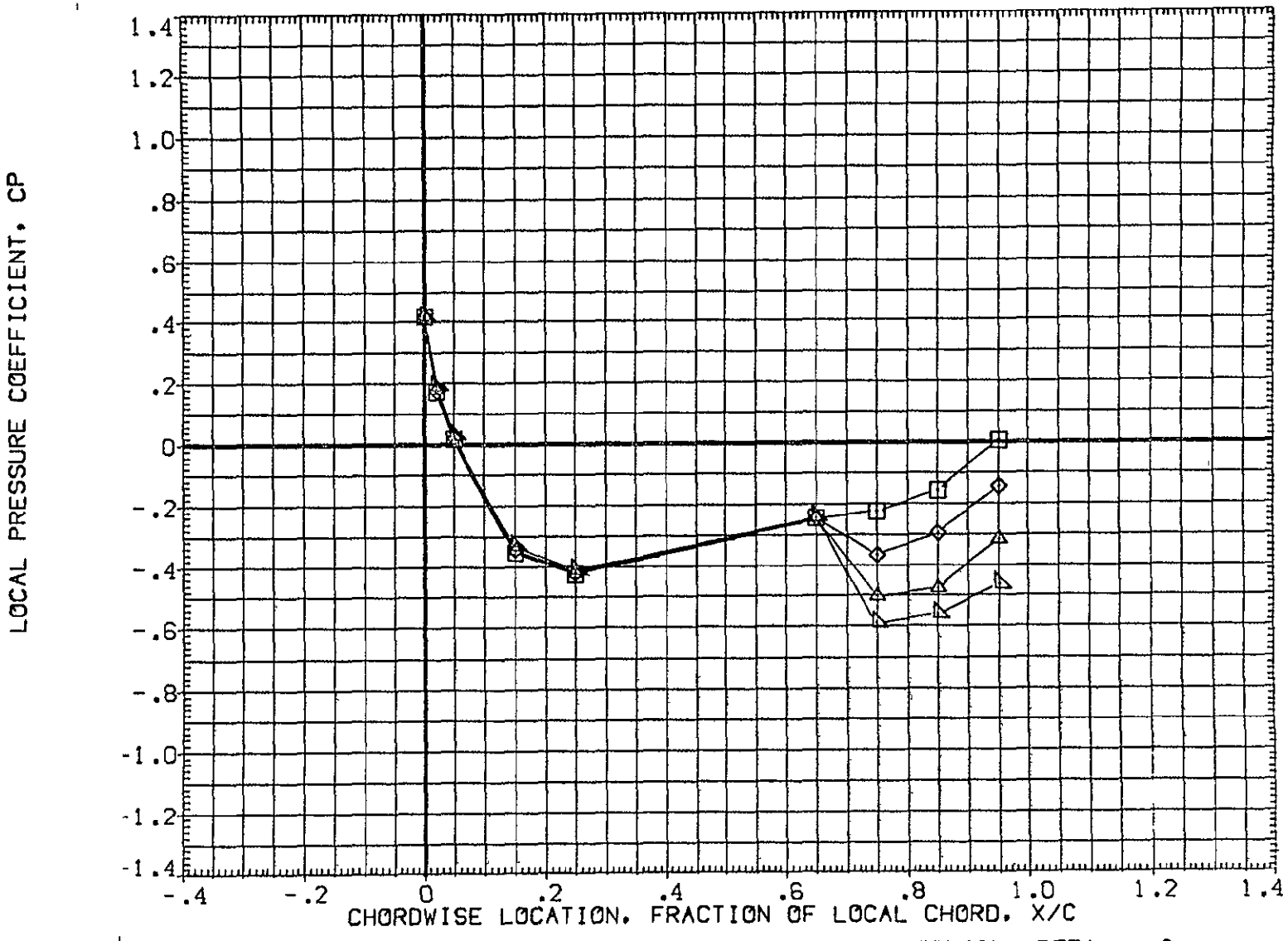

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

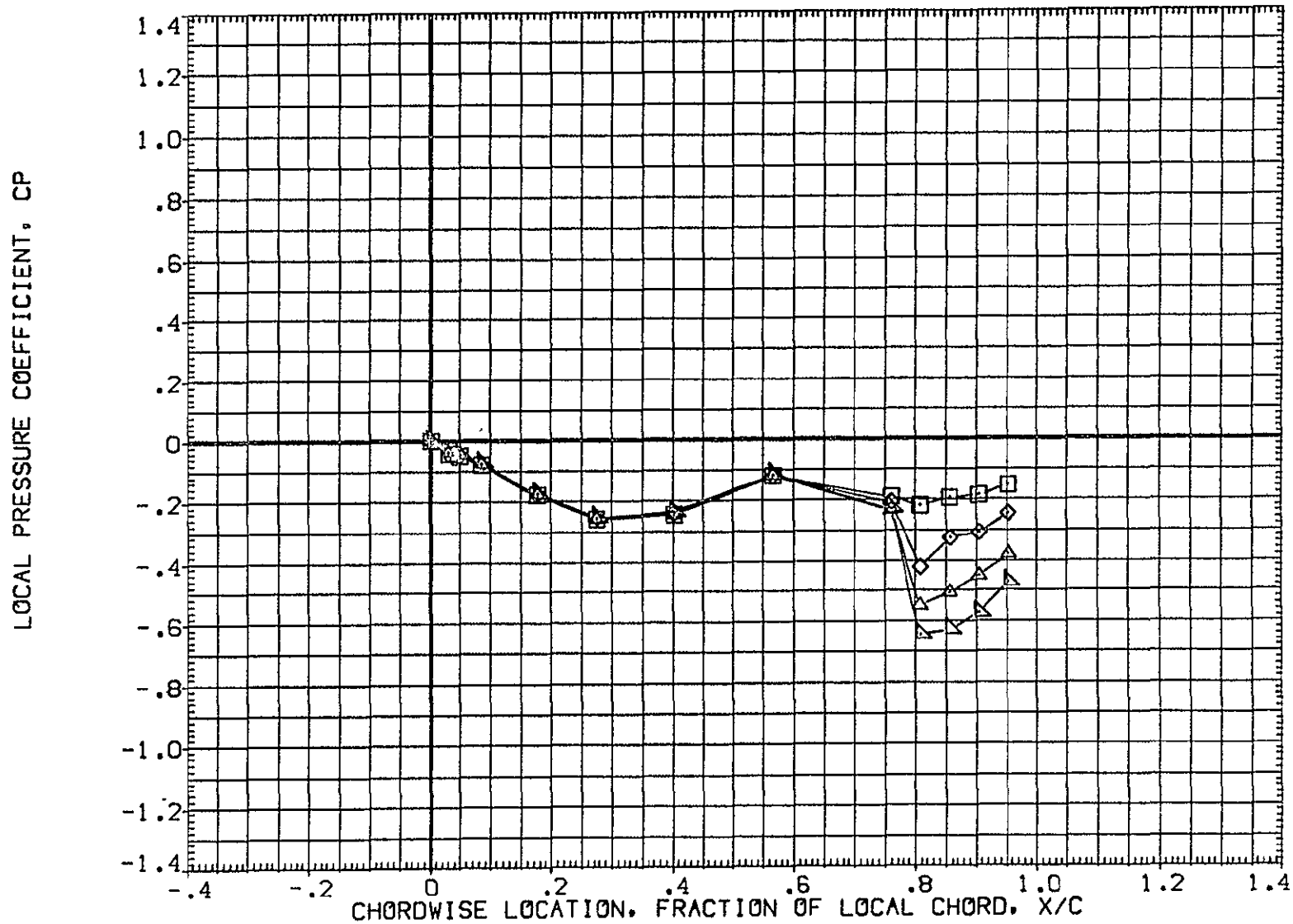

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

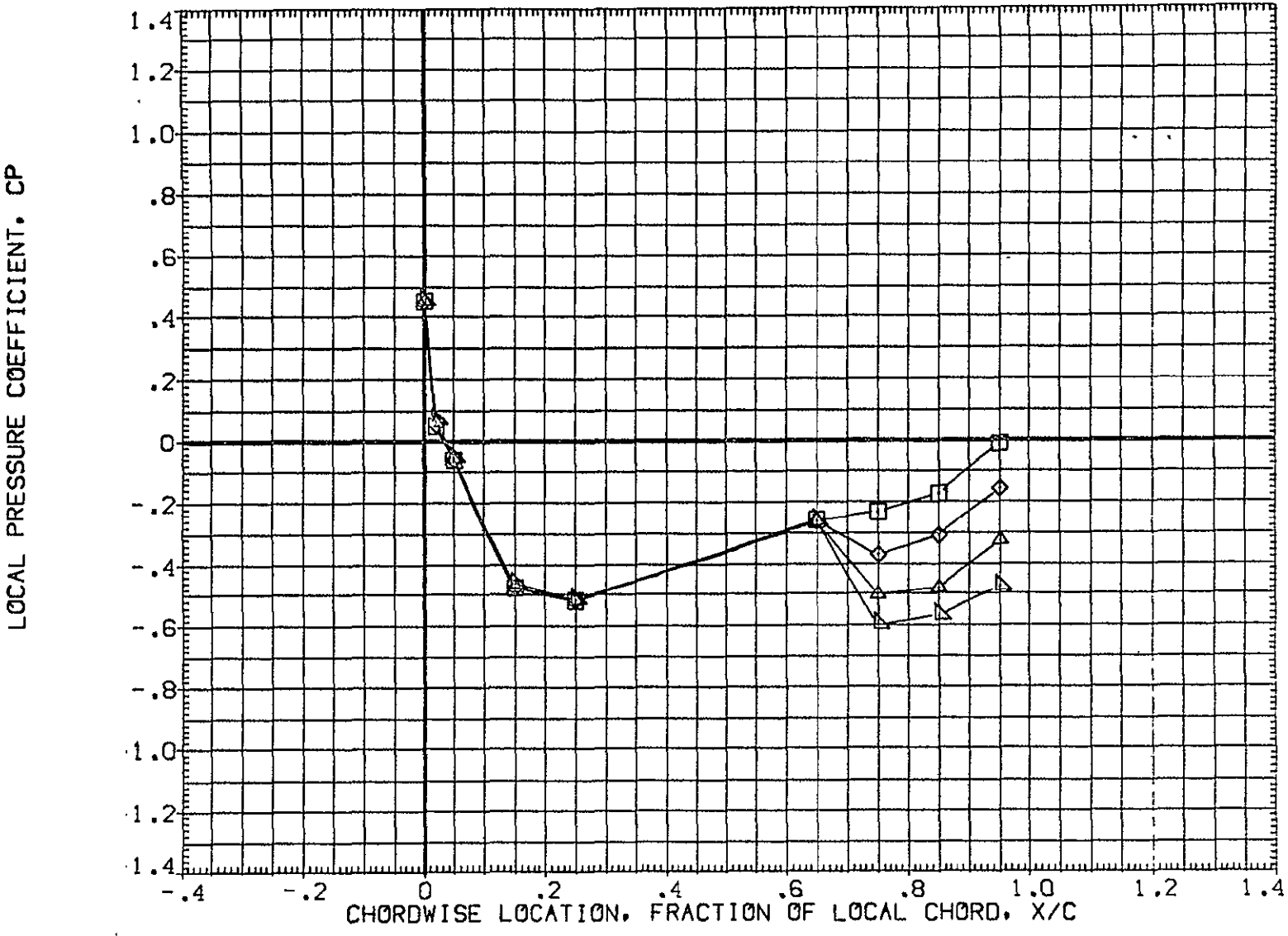

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

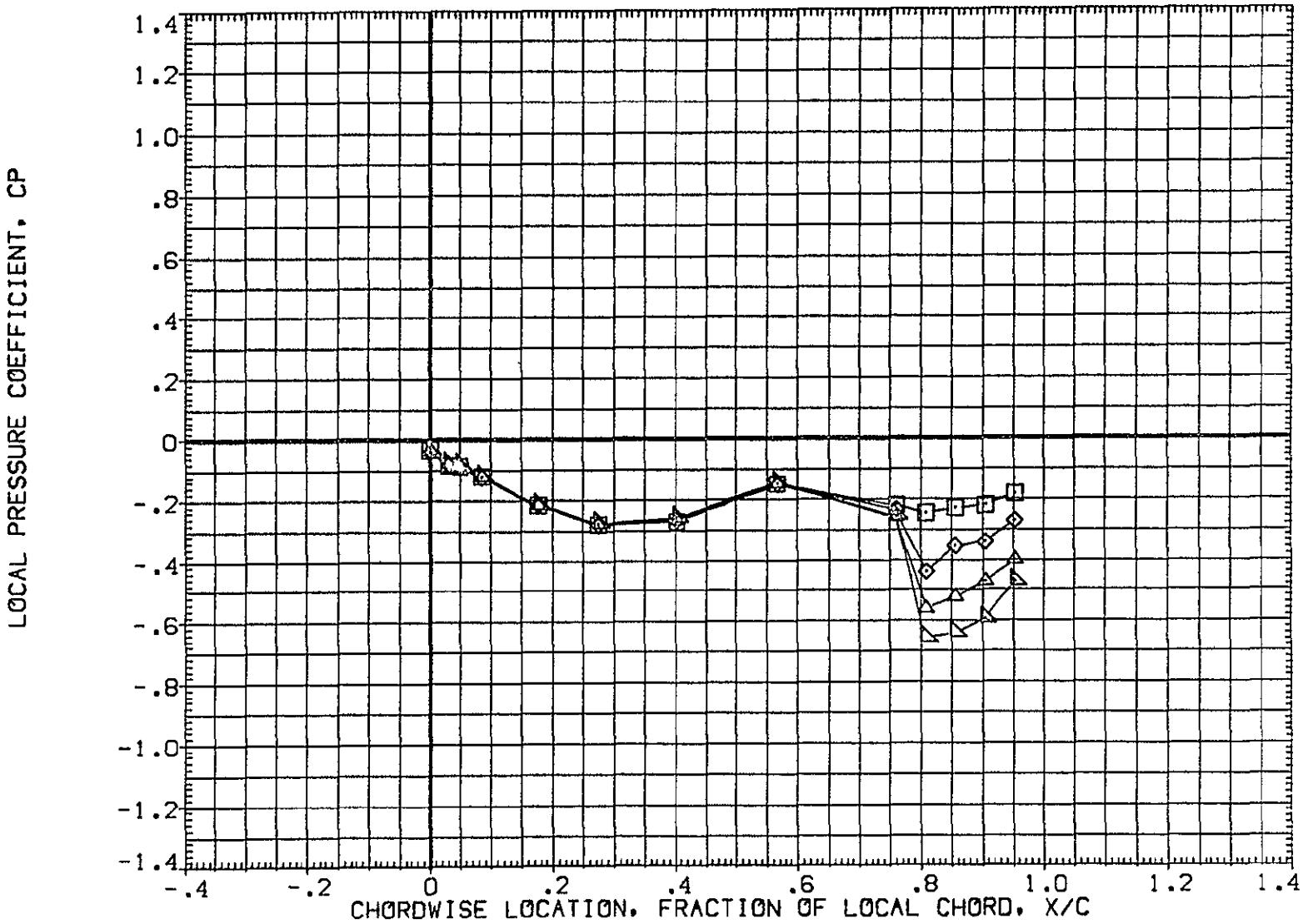

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

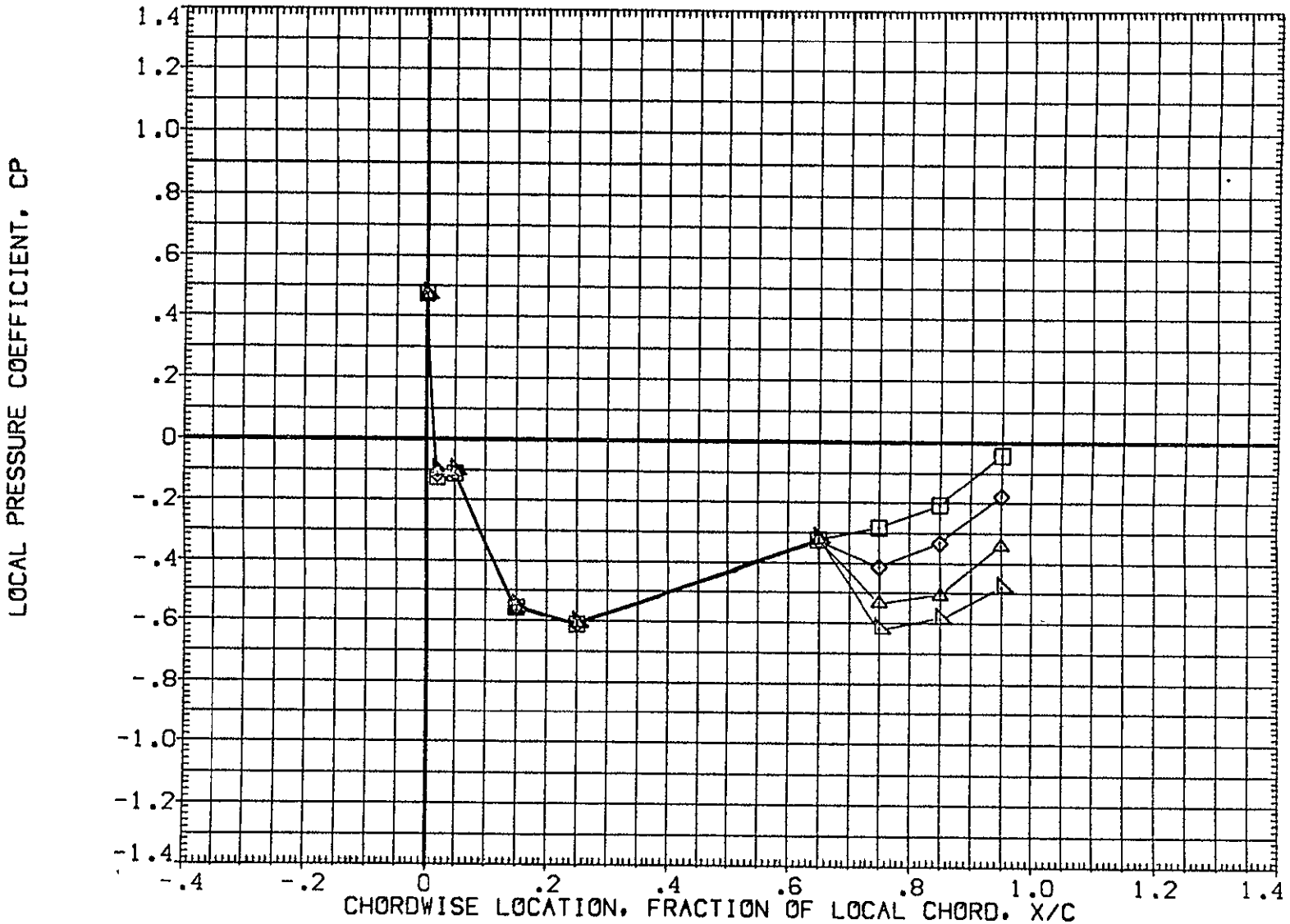

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

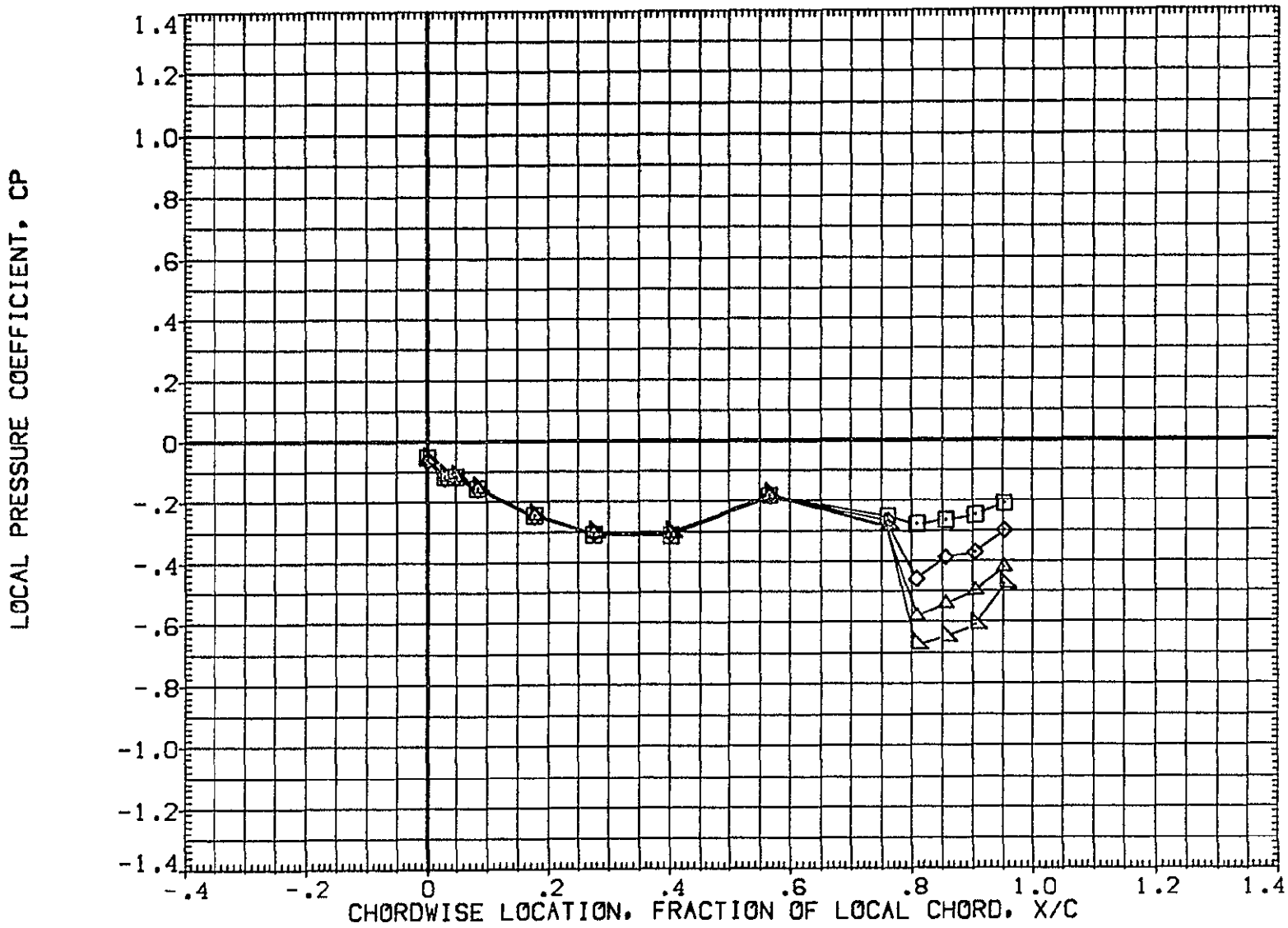

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

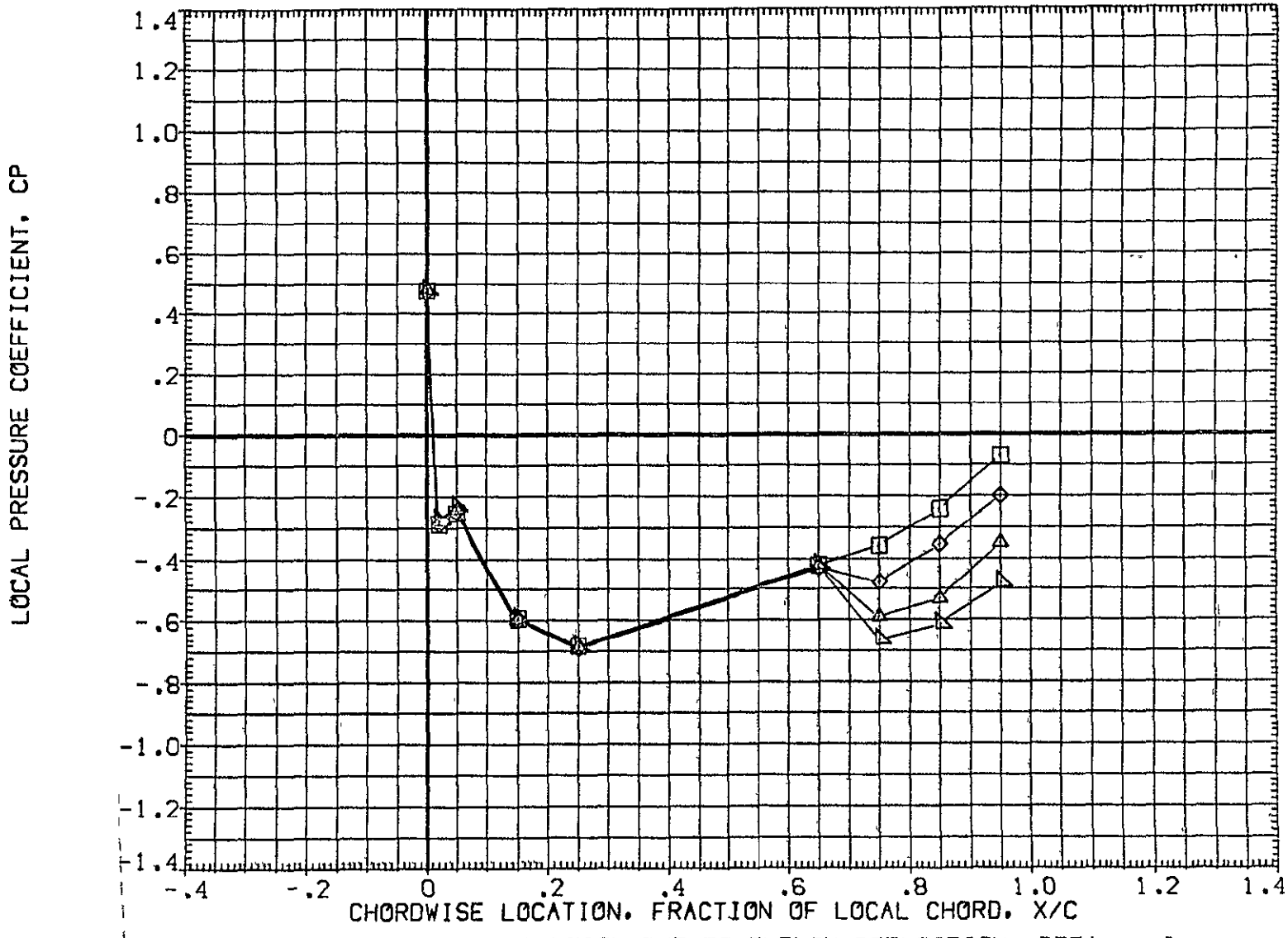

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

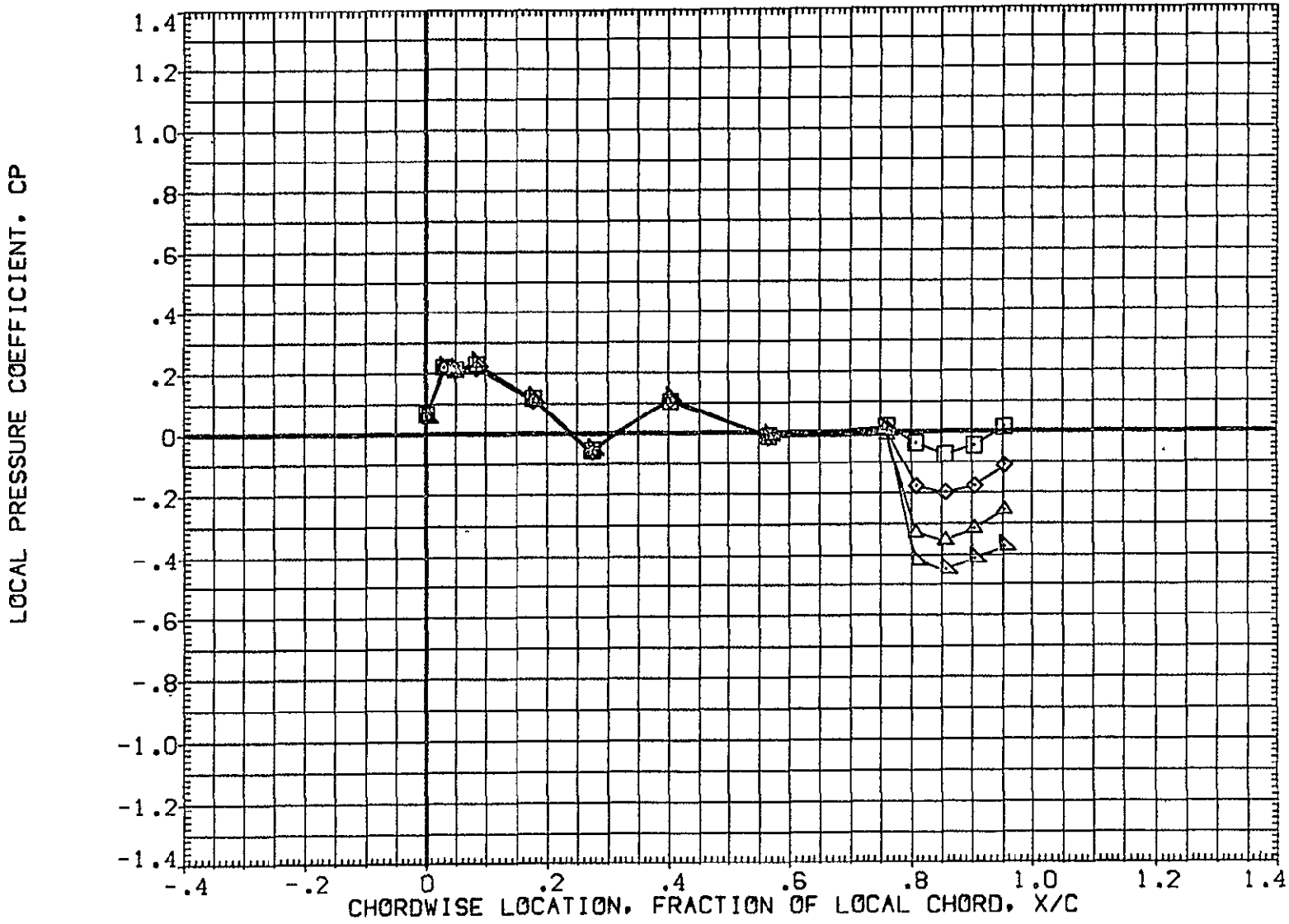

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	◁	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

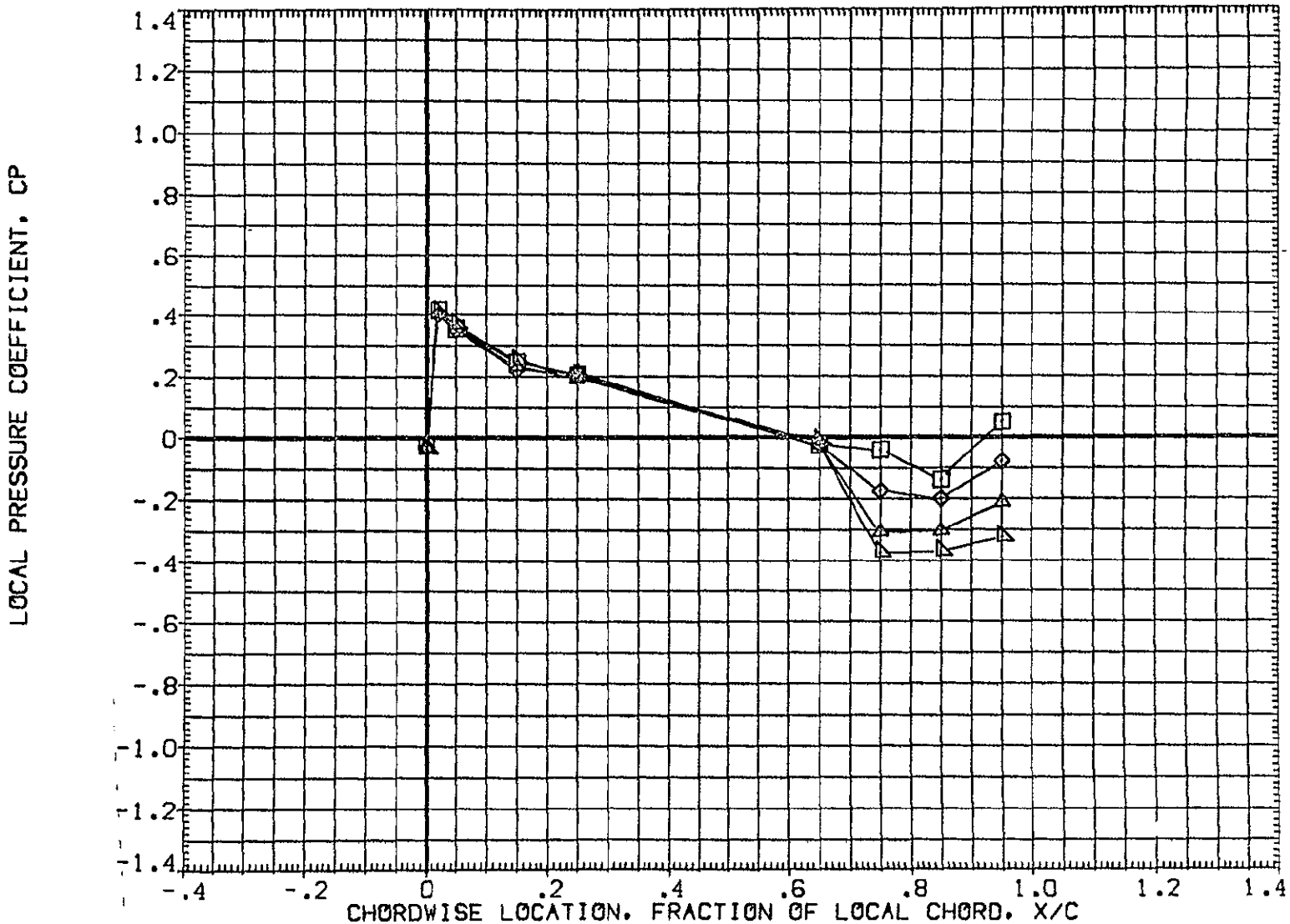

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

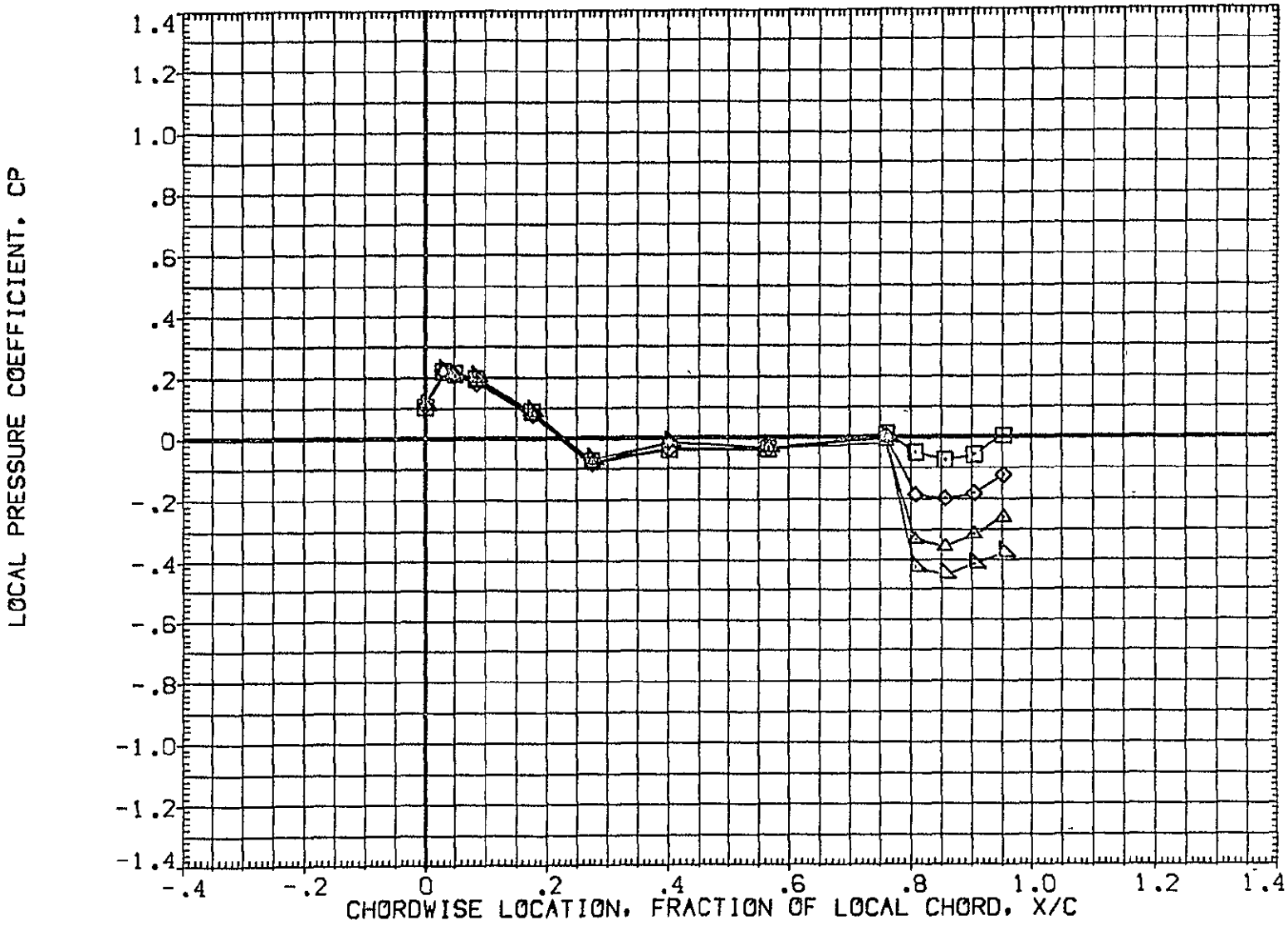

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

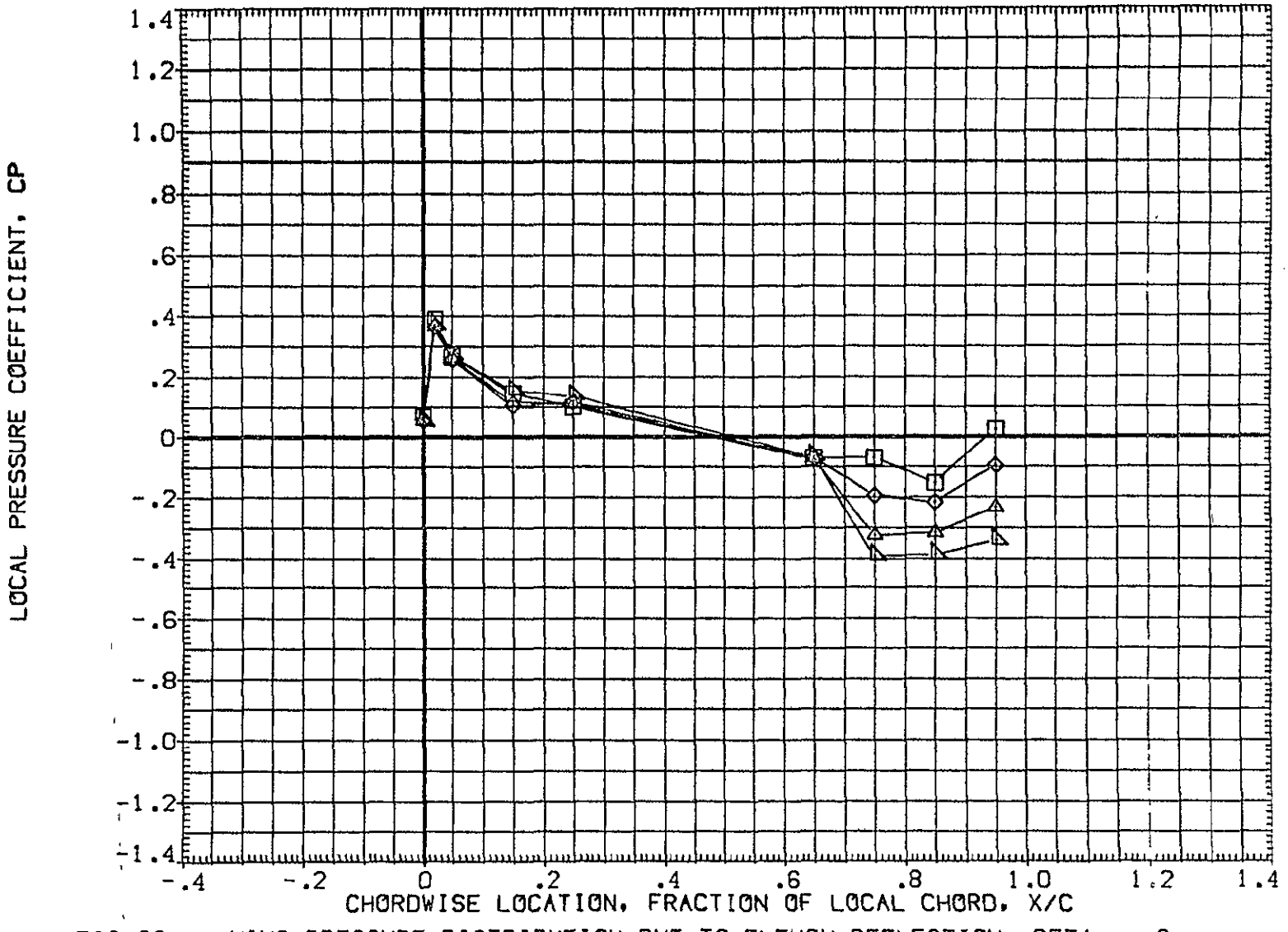

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	IA70	01 T12 SI P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70	01 T12 SI P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70	01 T12 SI P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70	01 T12 SI P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

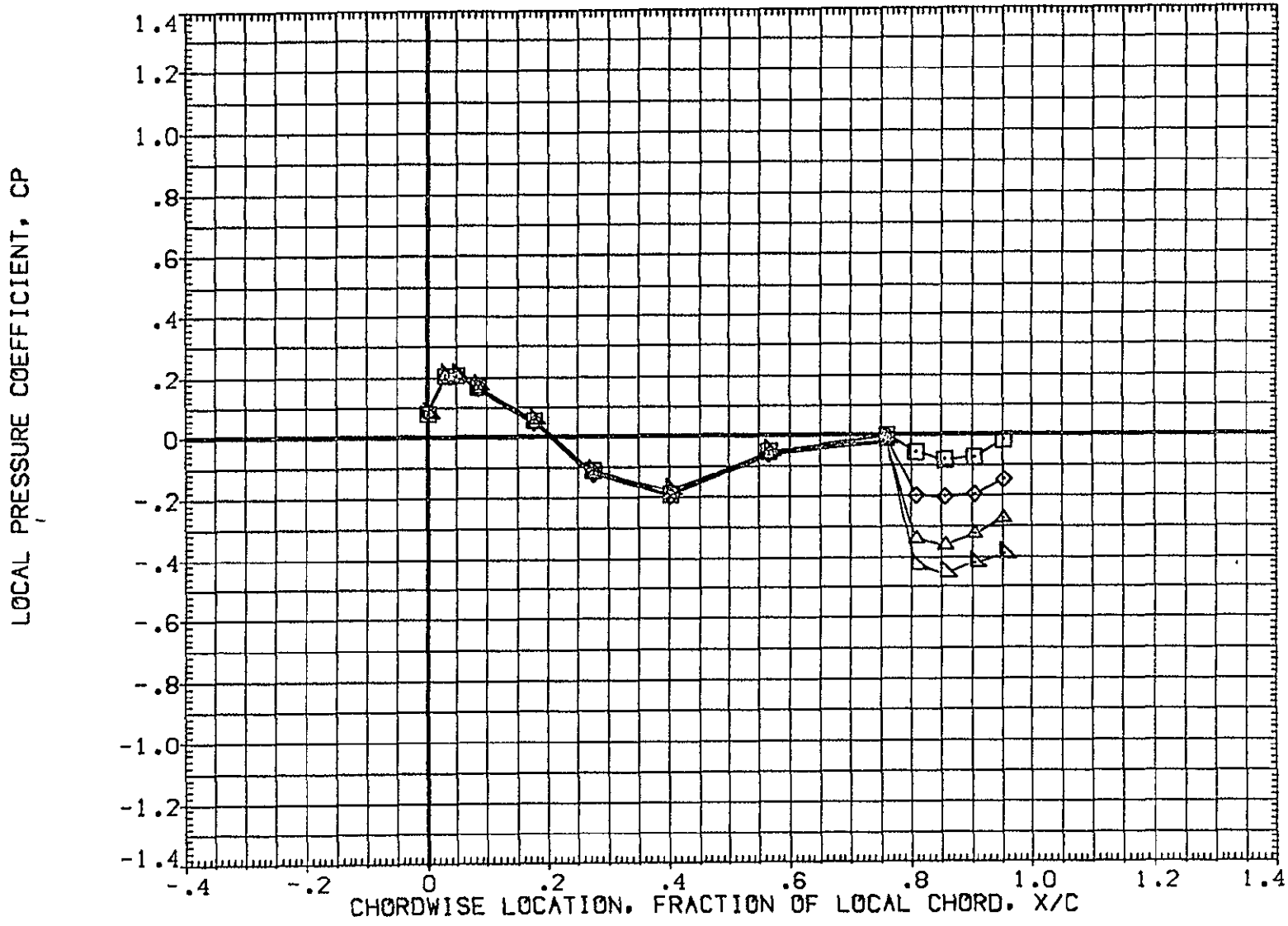

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

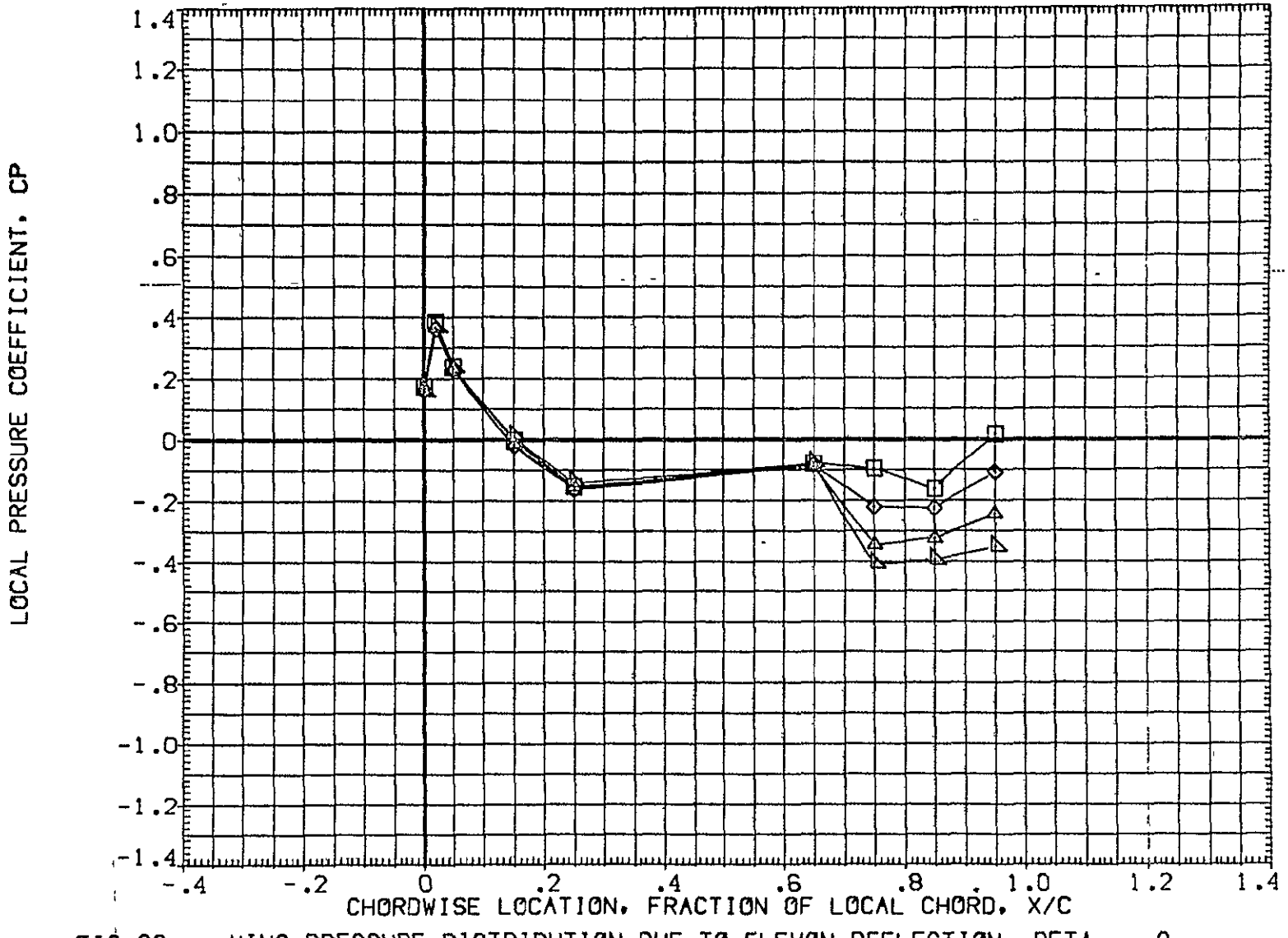

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

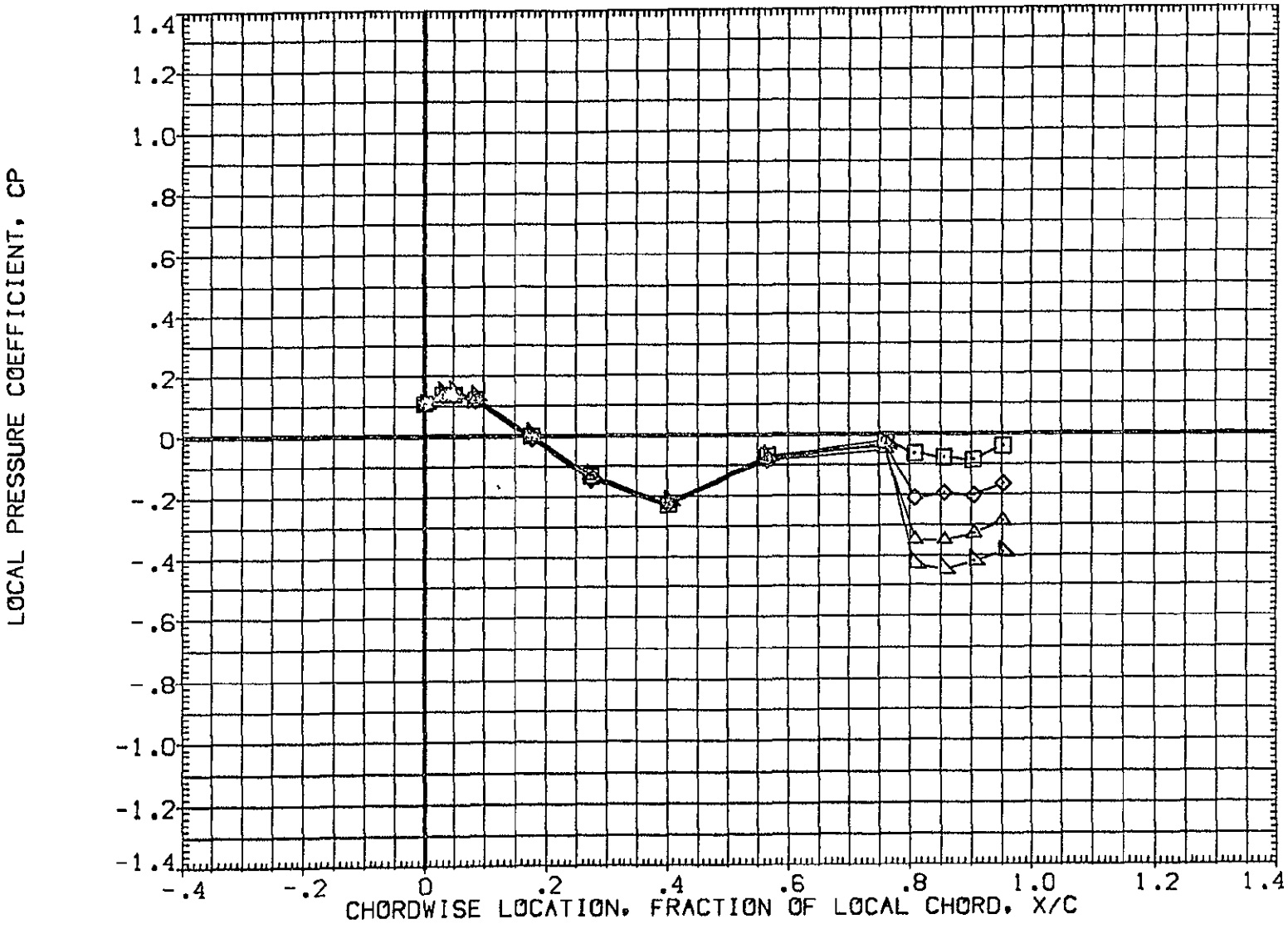

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◁	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

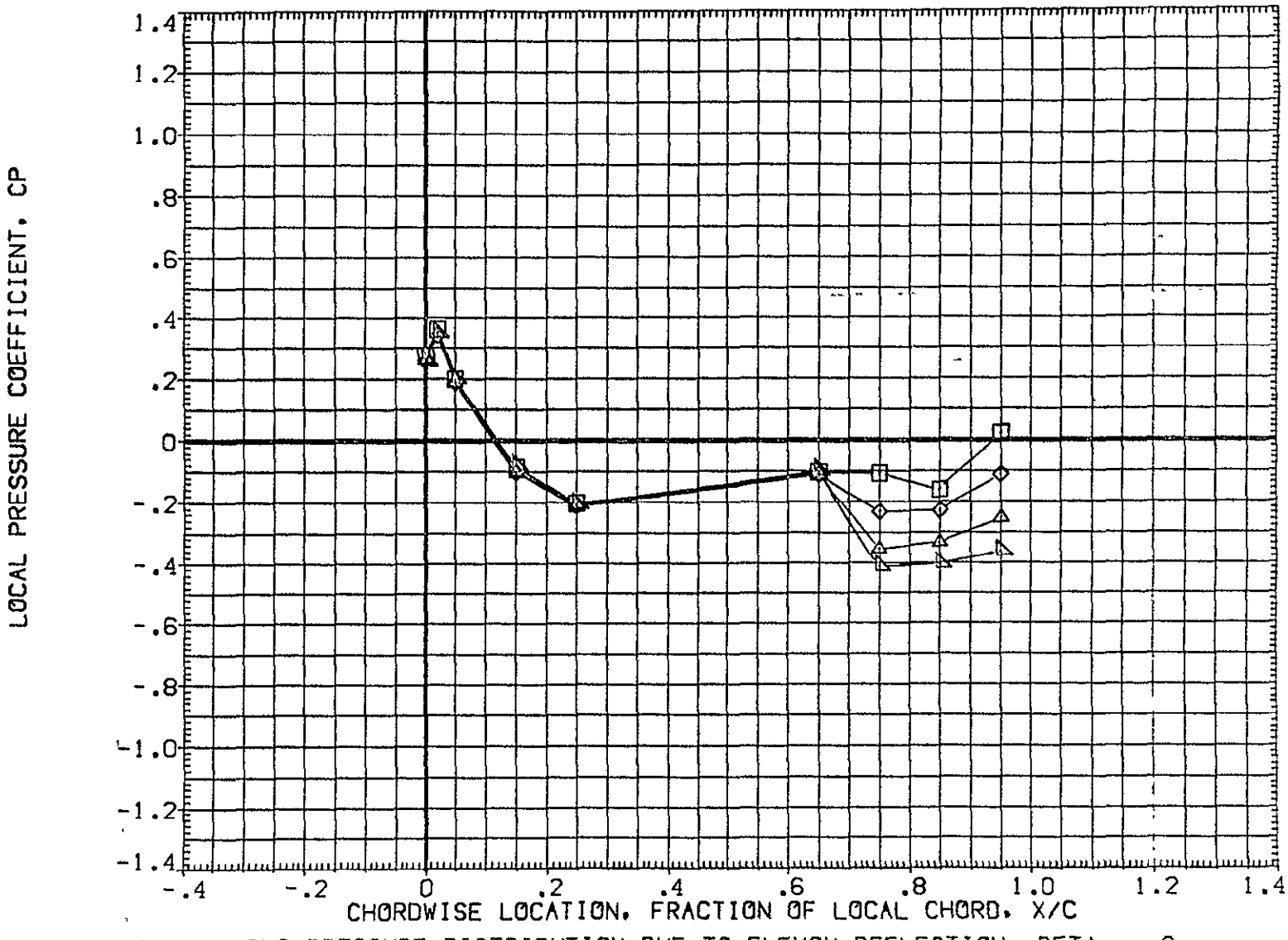

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◁	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

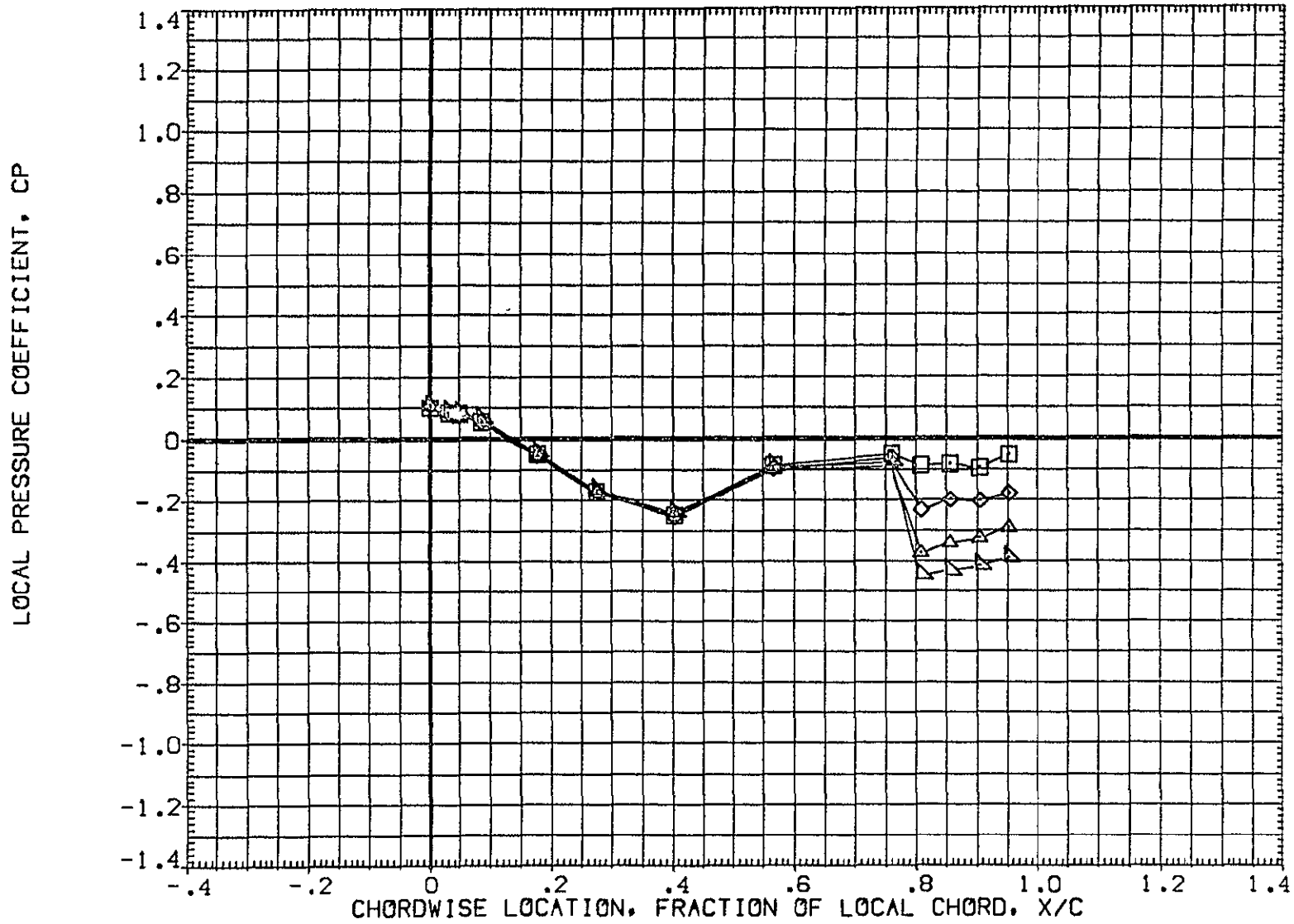

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA, SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
[AF7U47]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

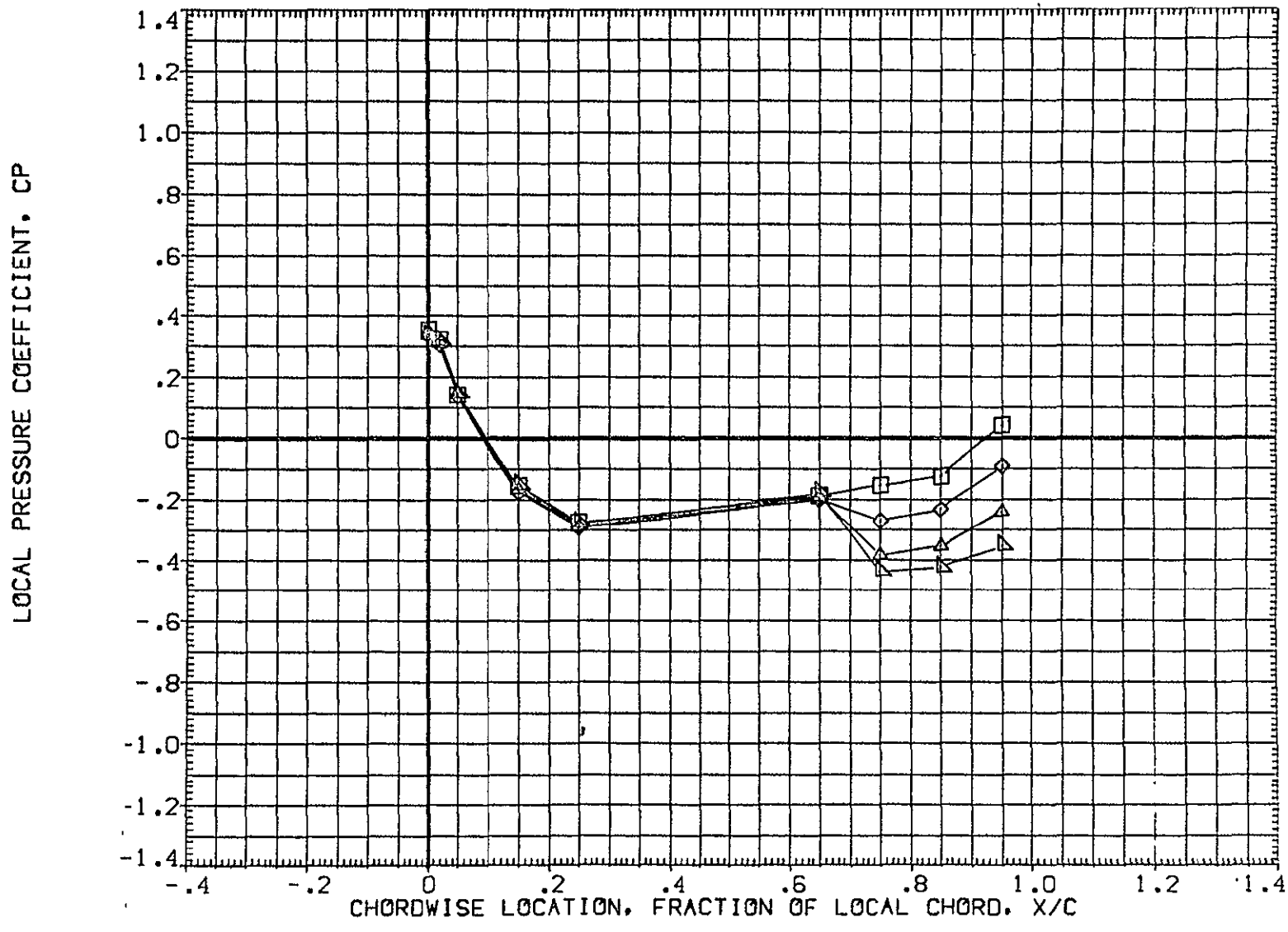

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	12.000	12.000	12.000

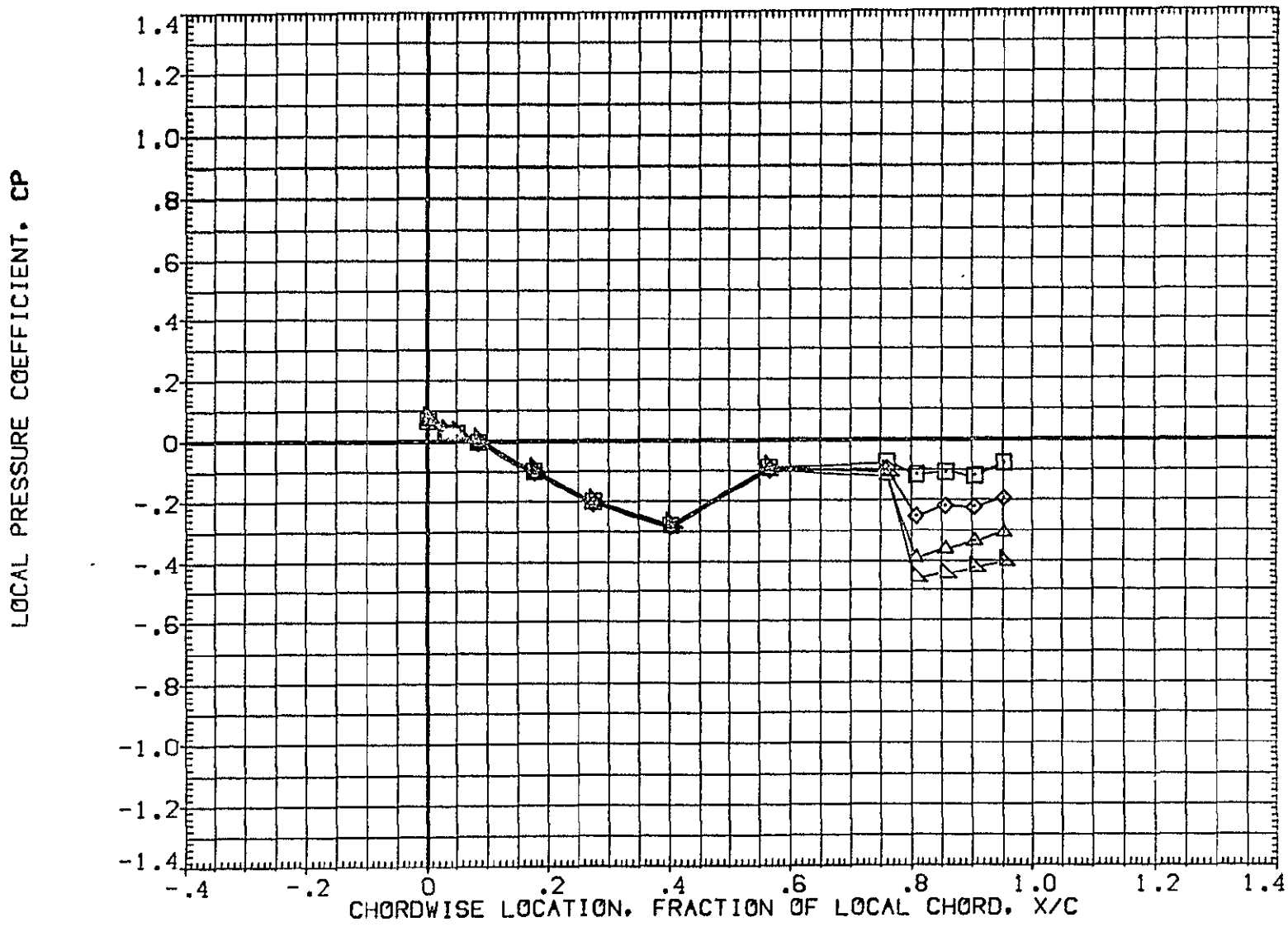

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

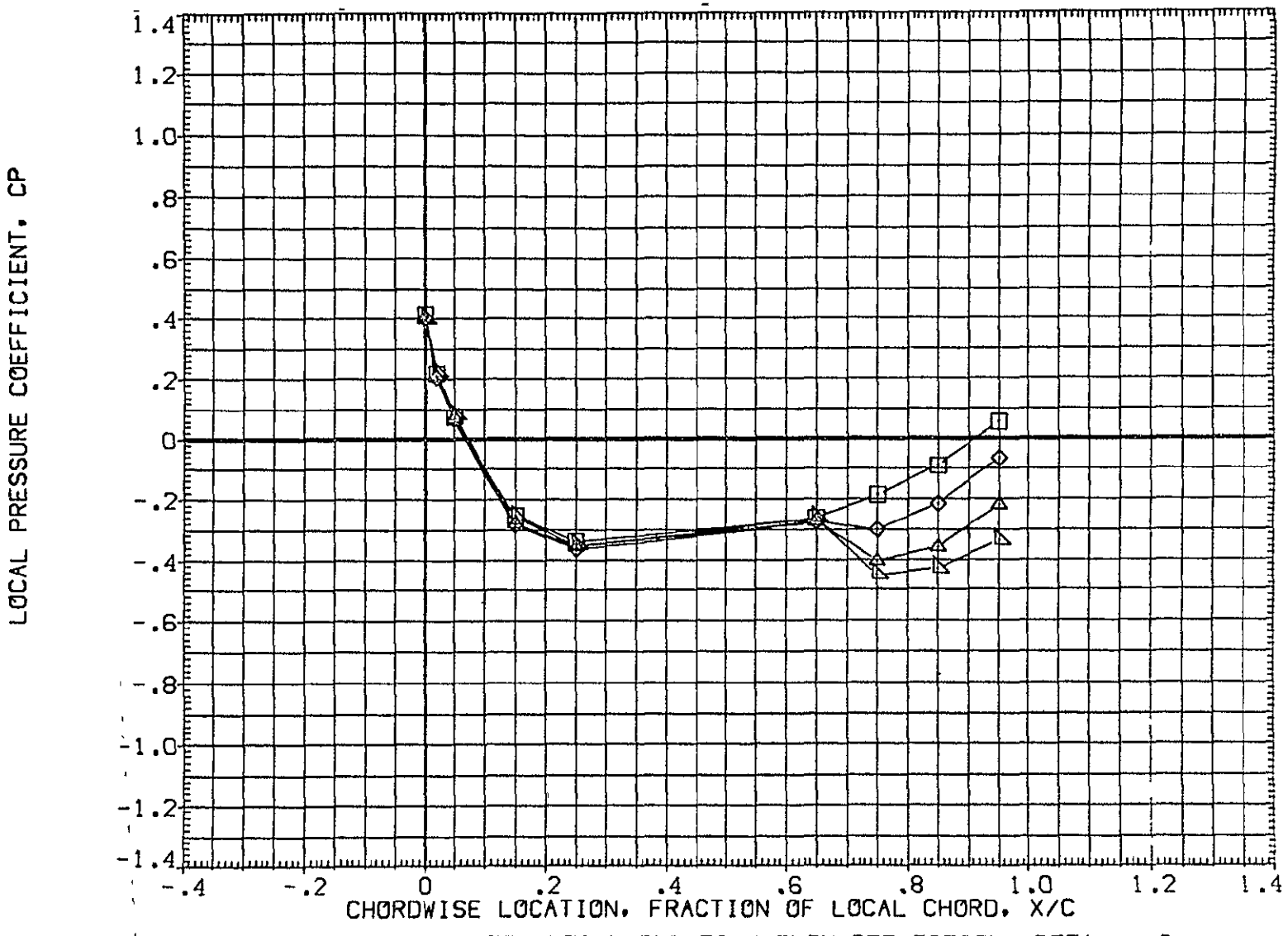

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

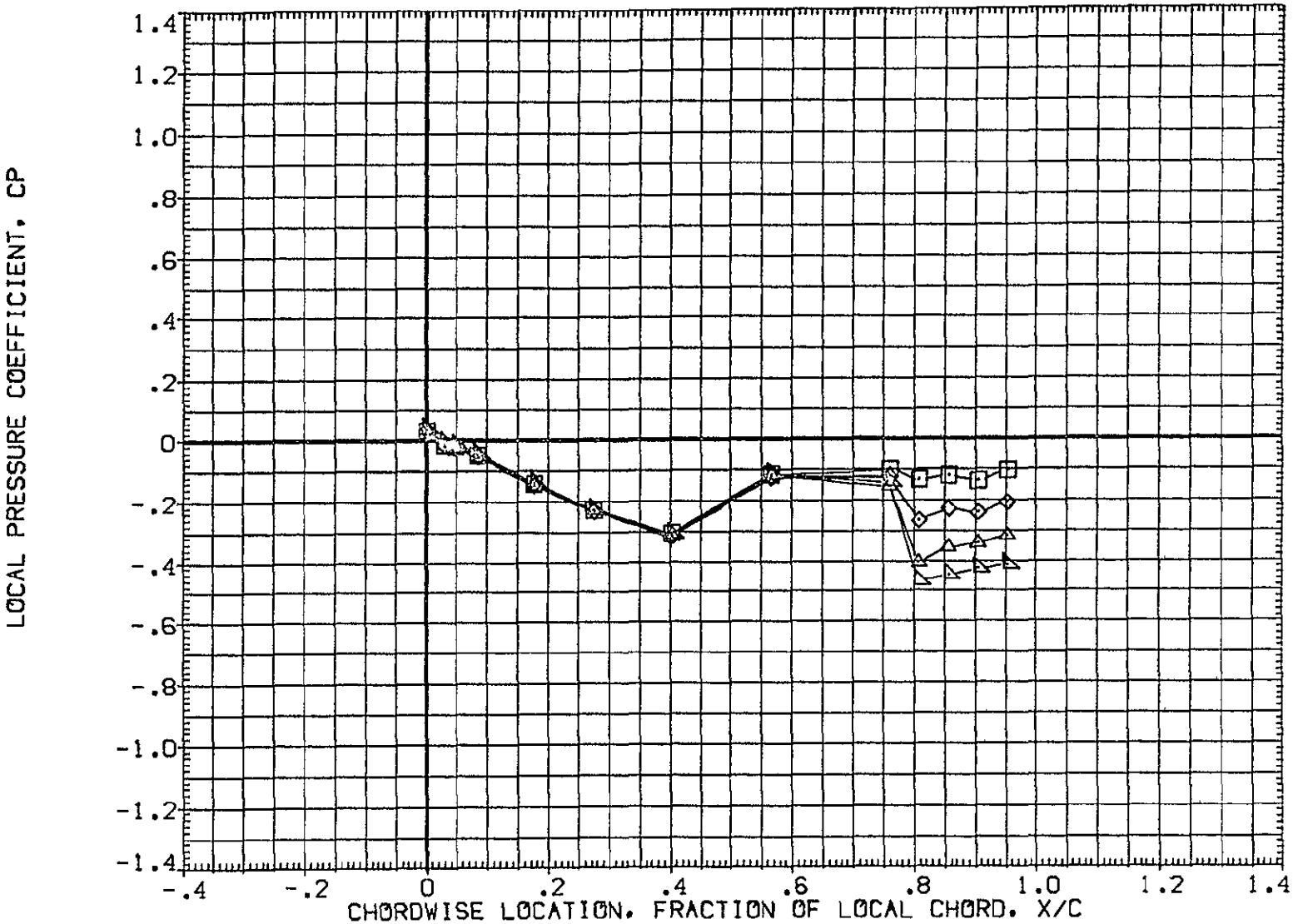

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	□	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	▽	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◁	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

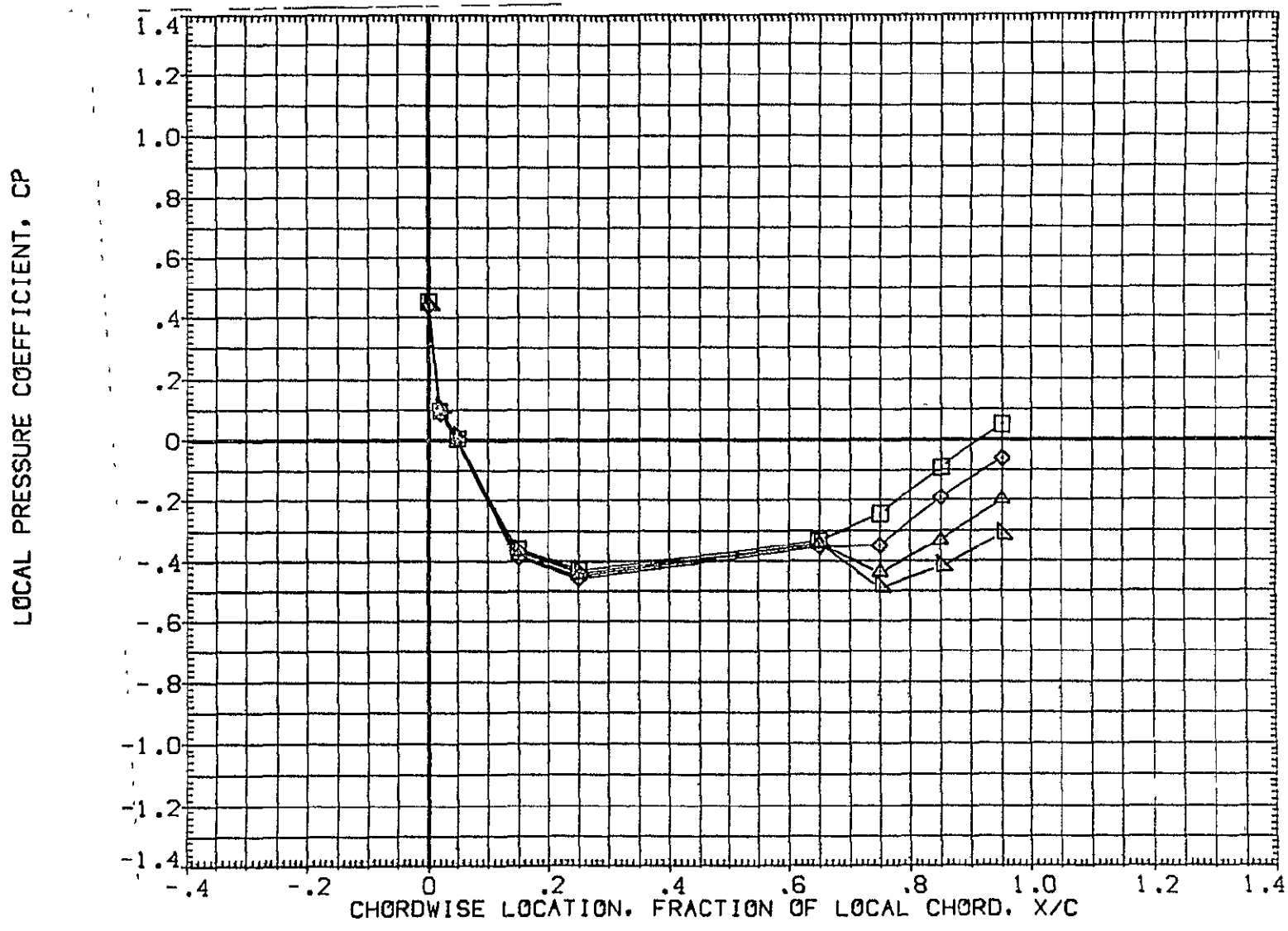

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

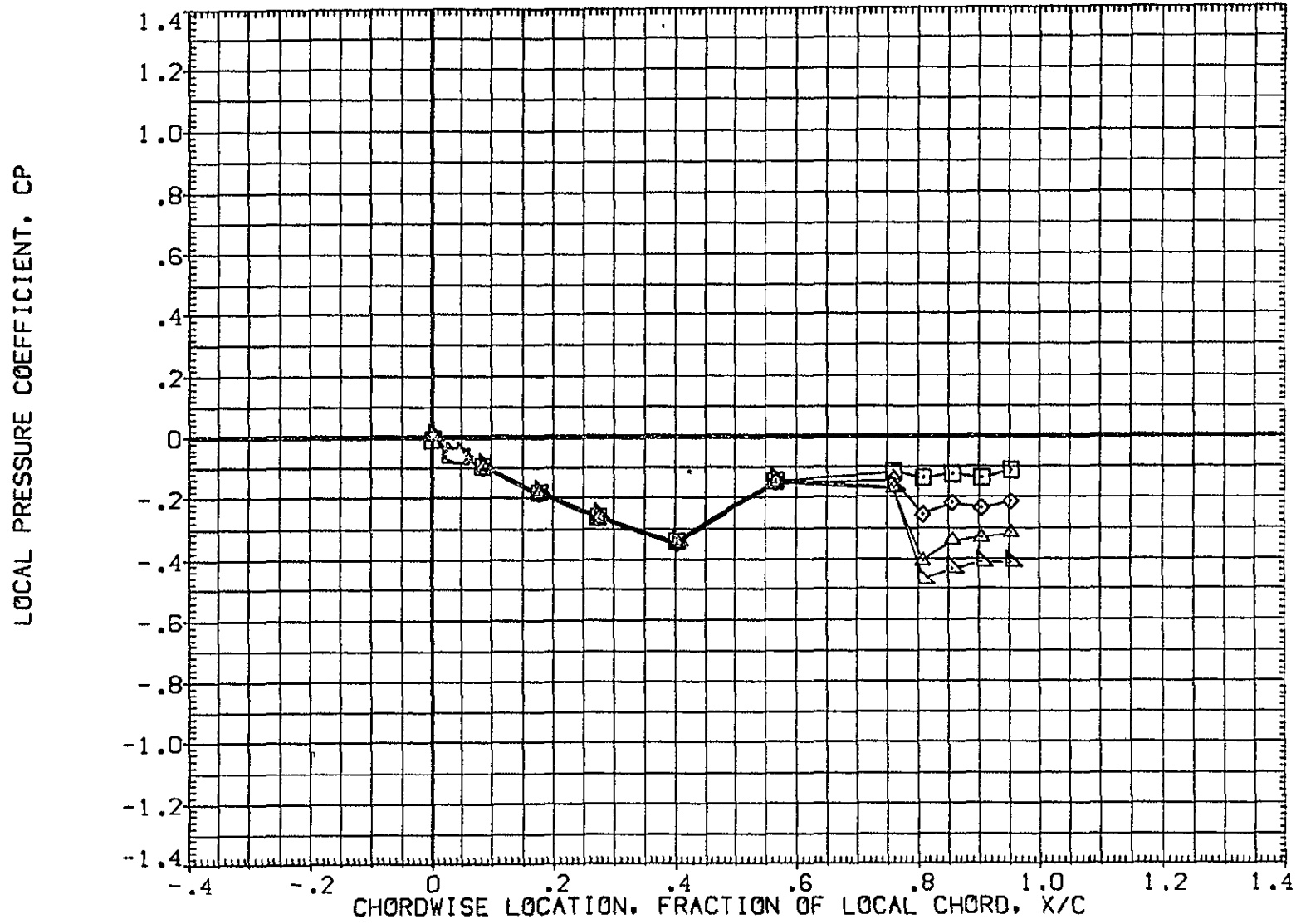

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
[AF7U47]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

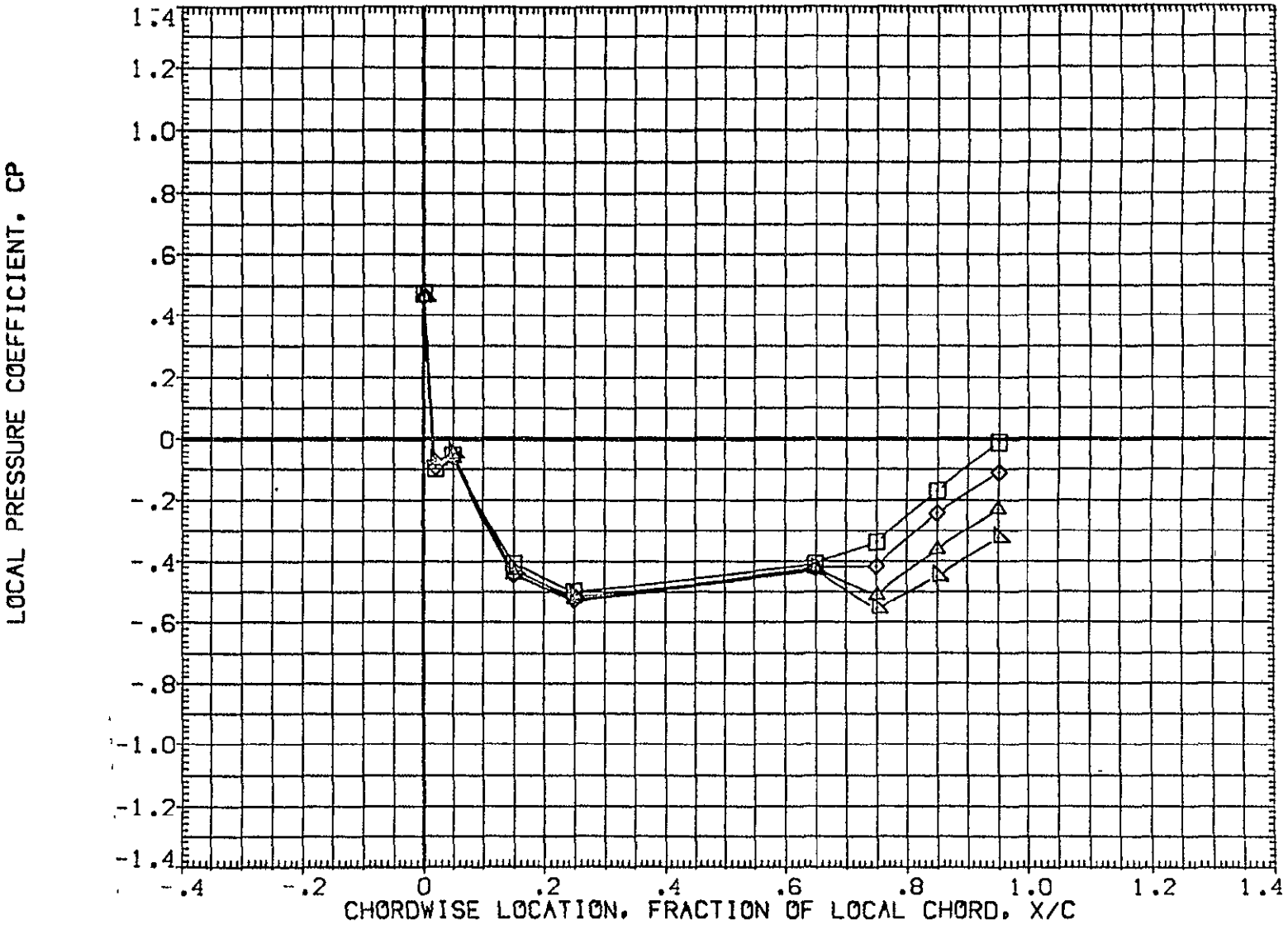

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

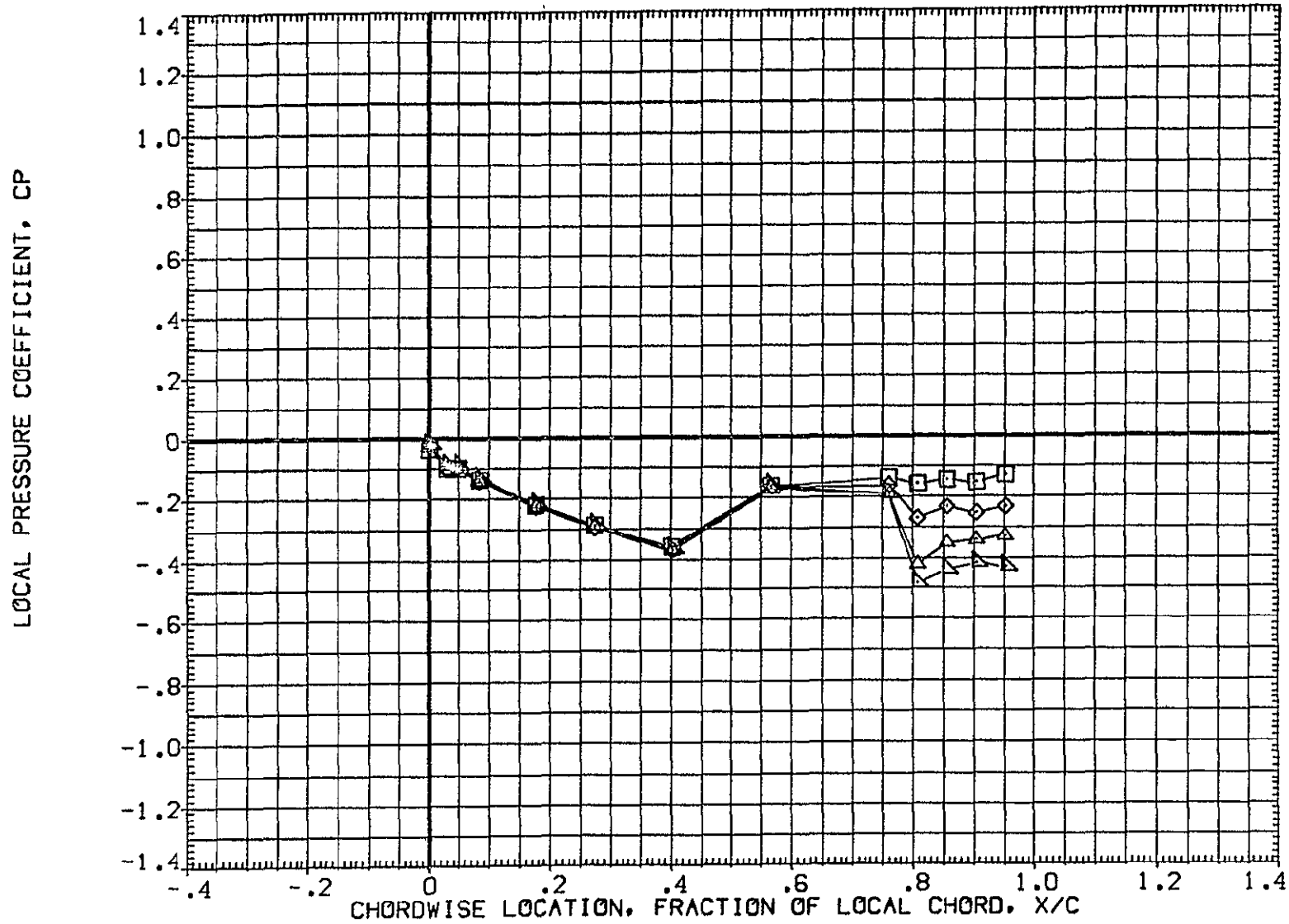

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

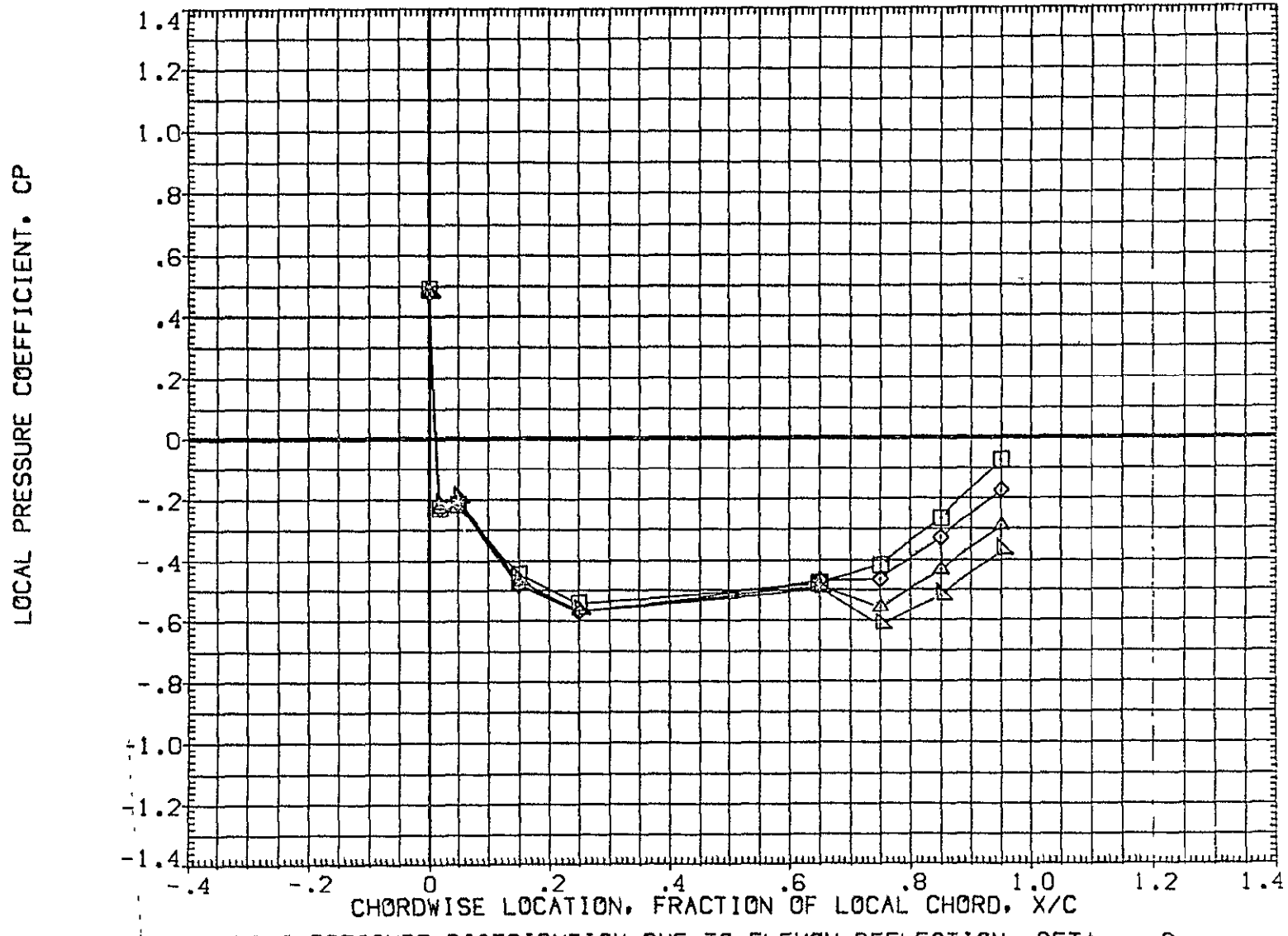

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⊠	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

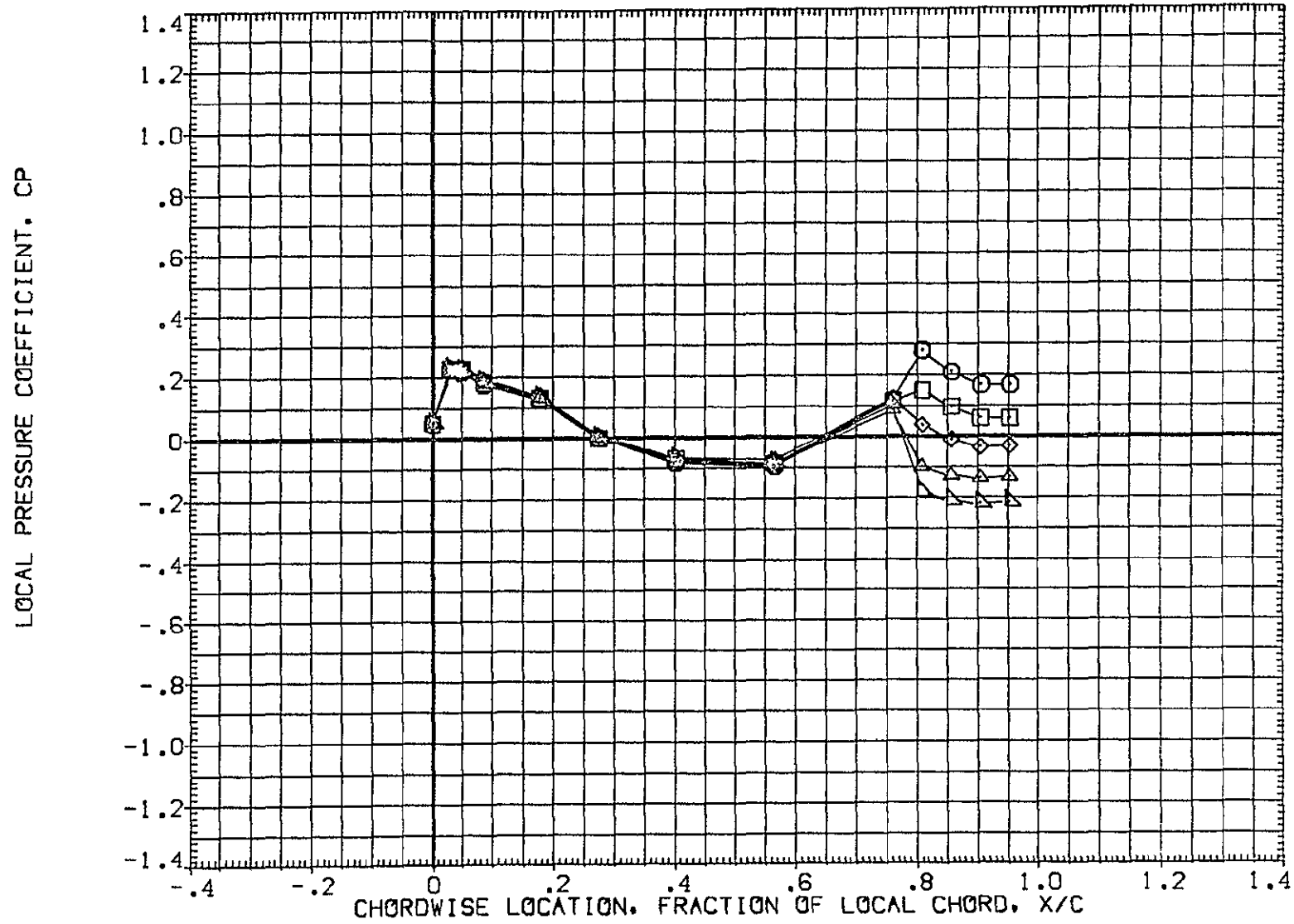

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◁	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

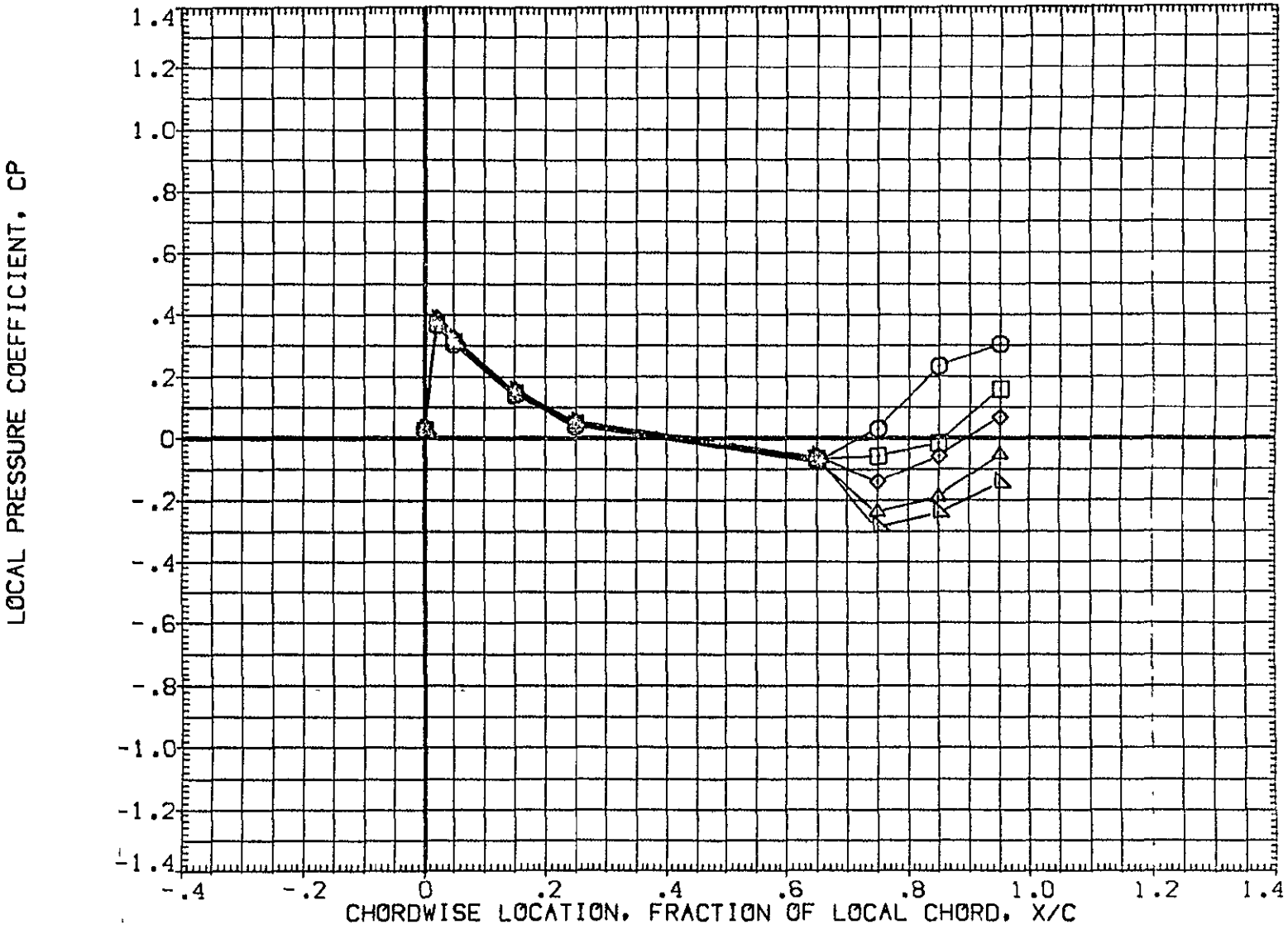

FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	⋈	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◺	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

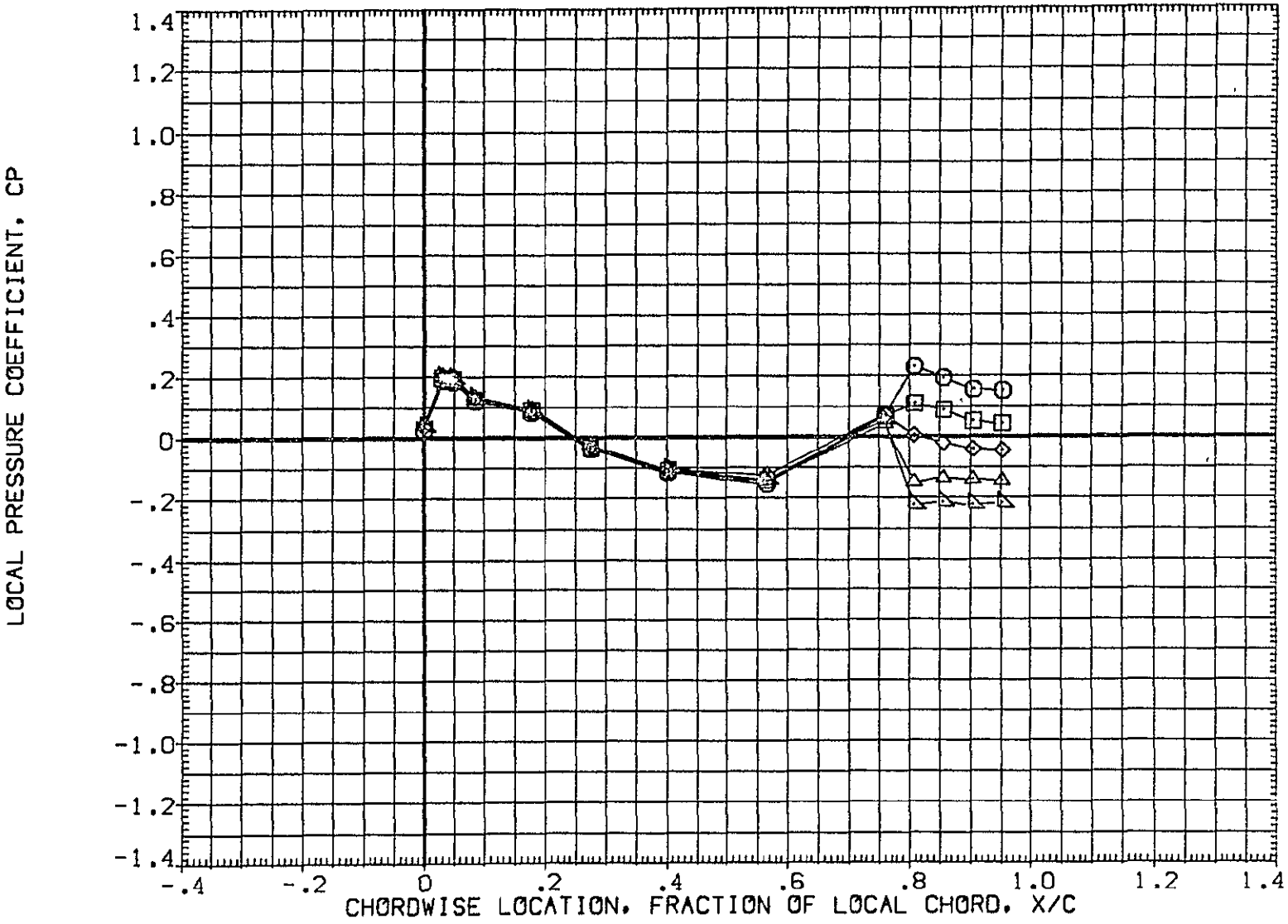

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	☆	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

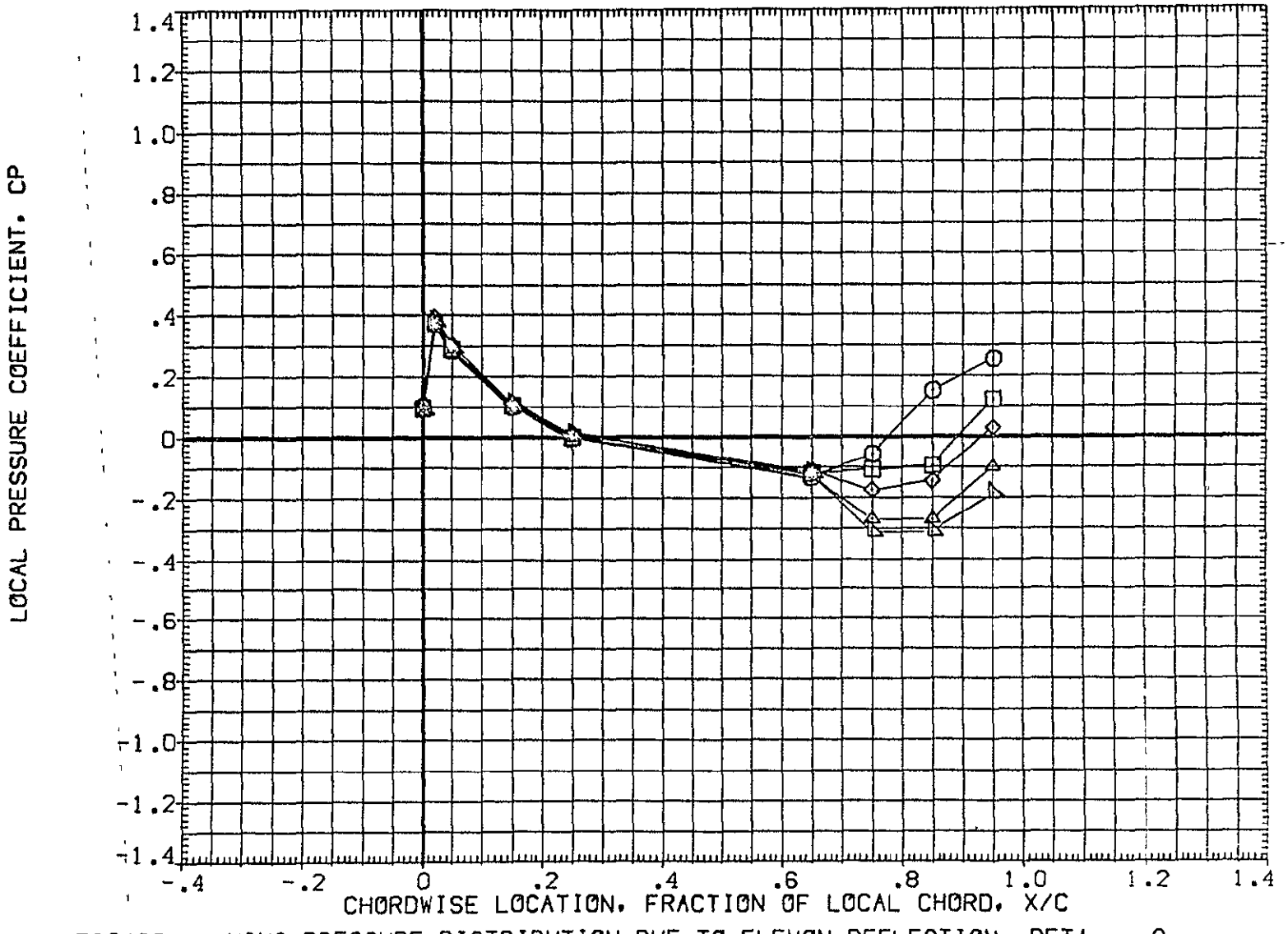

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

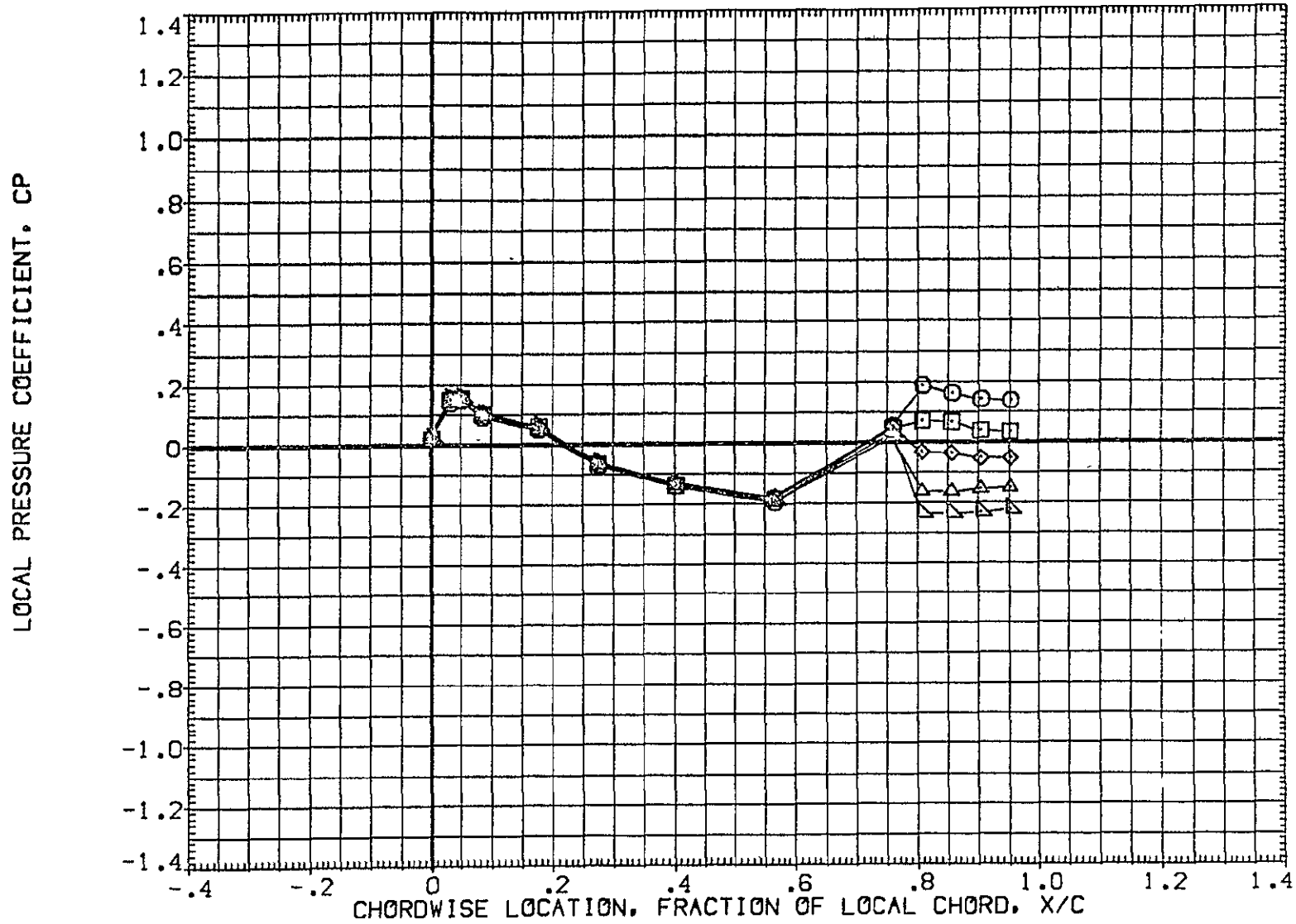

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◺	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

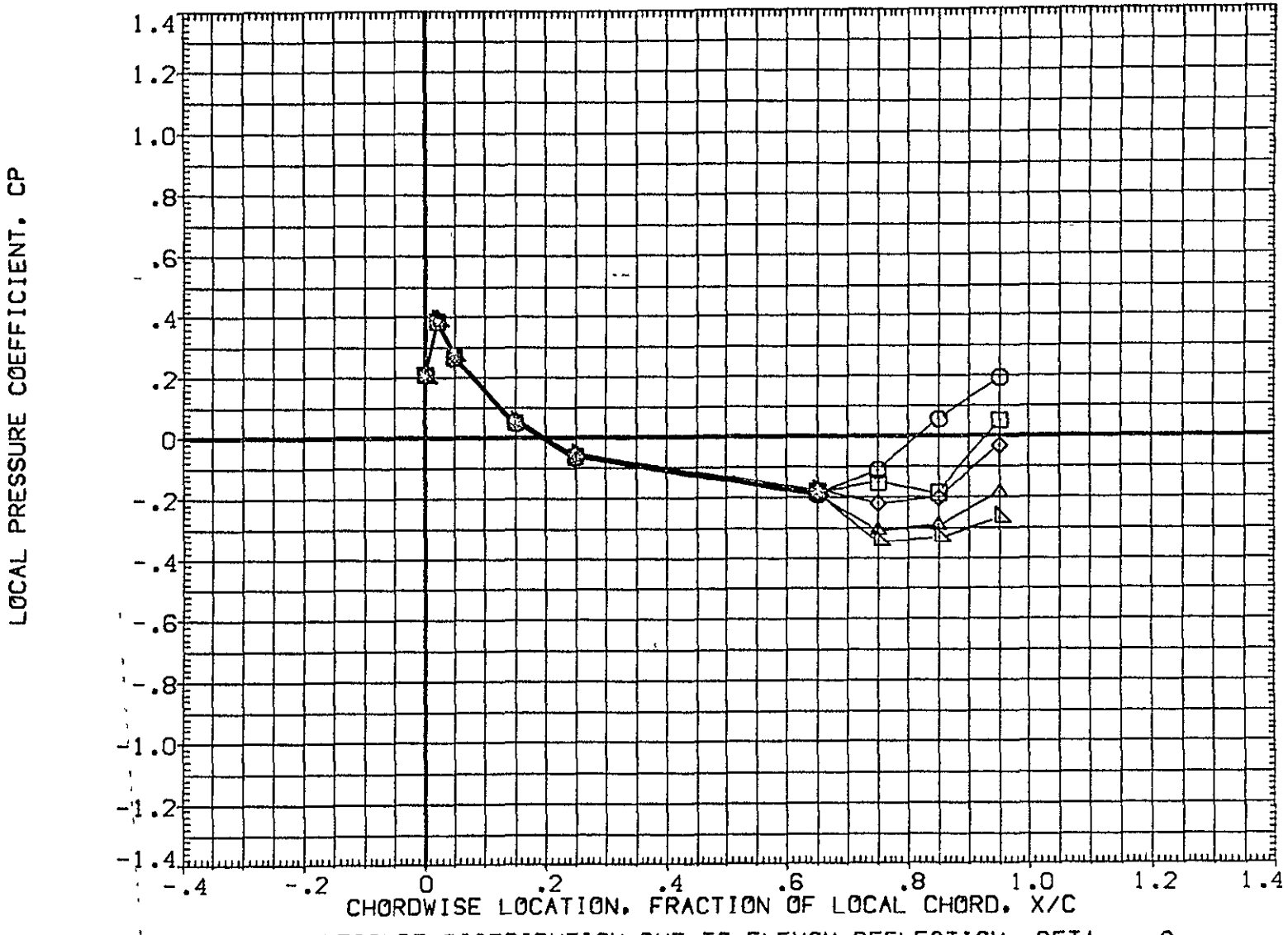

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65) ○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47) □	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52) ◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57) △	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62) ▷	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

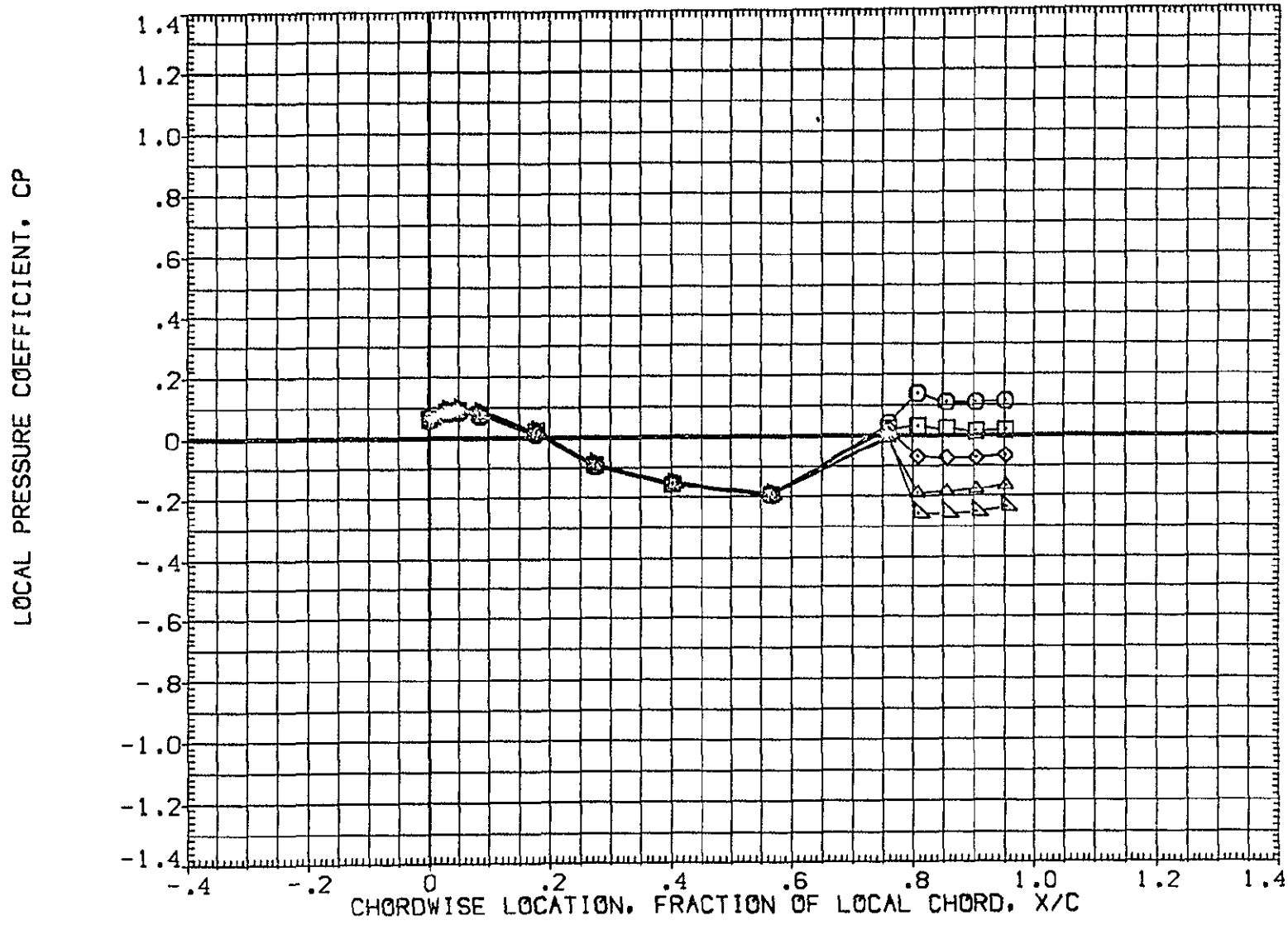

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▷	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

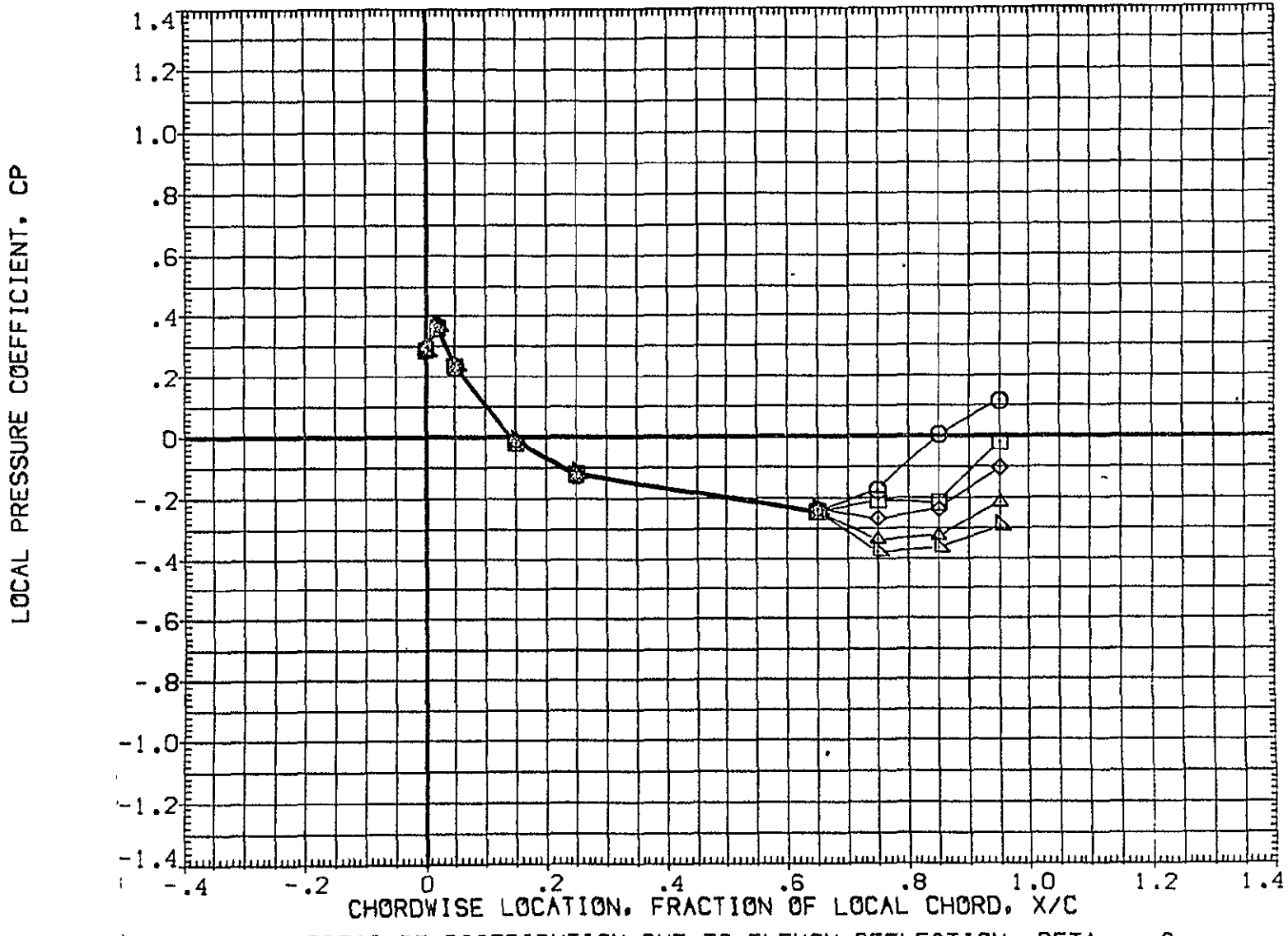

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)		IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

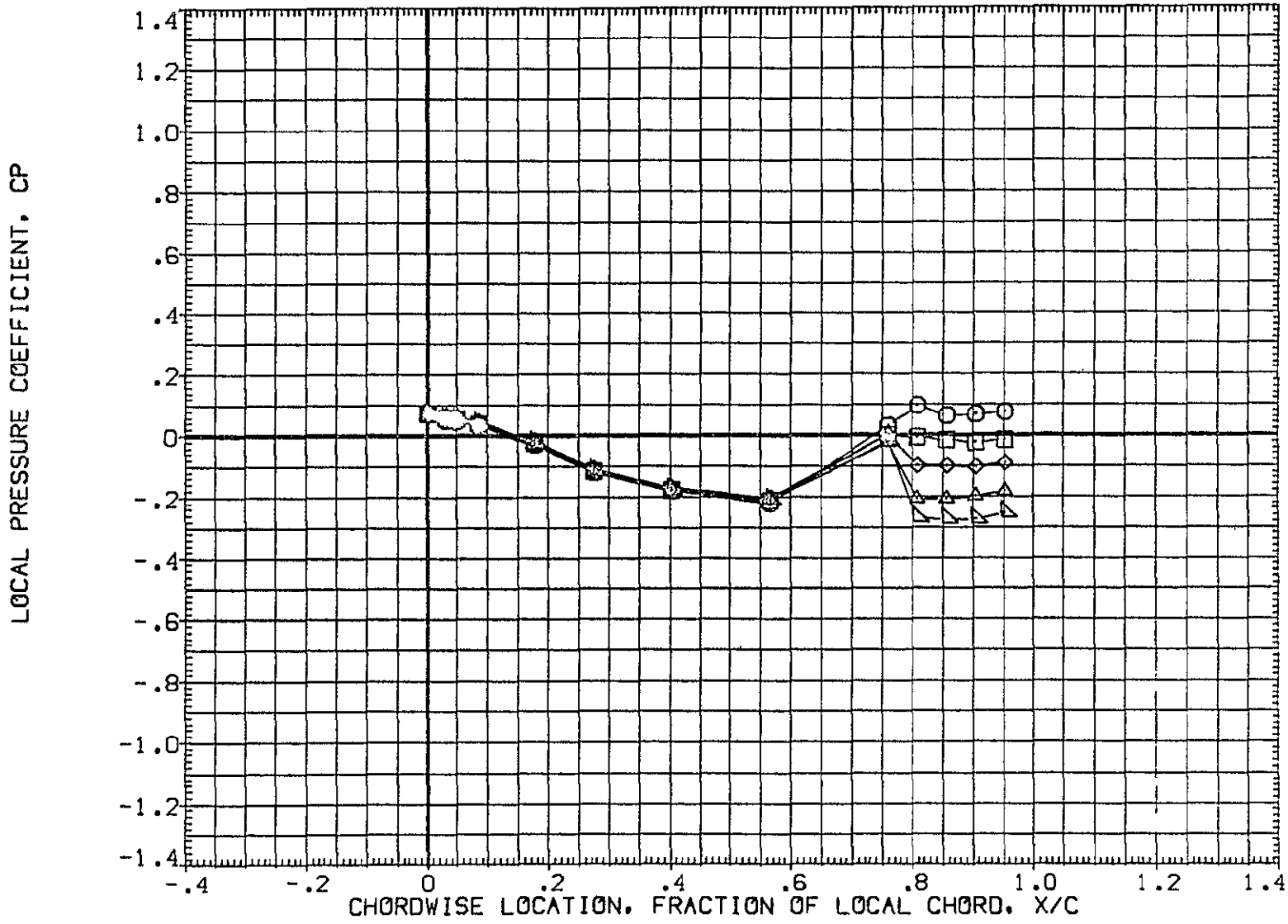

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

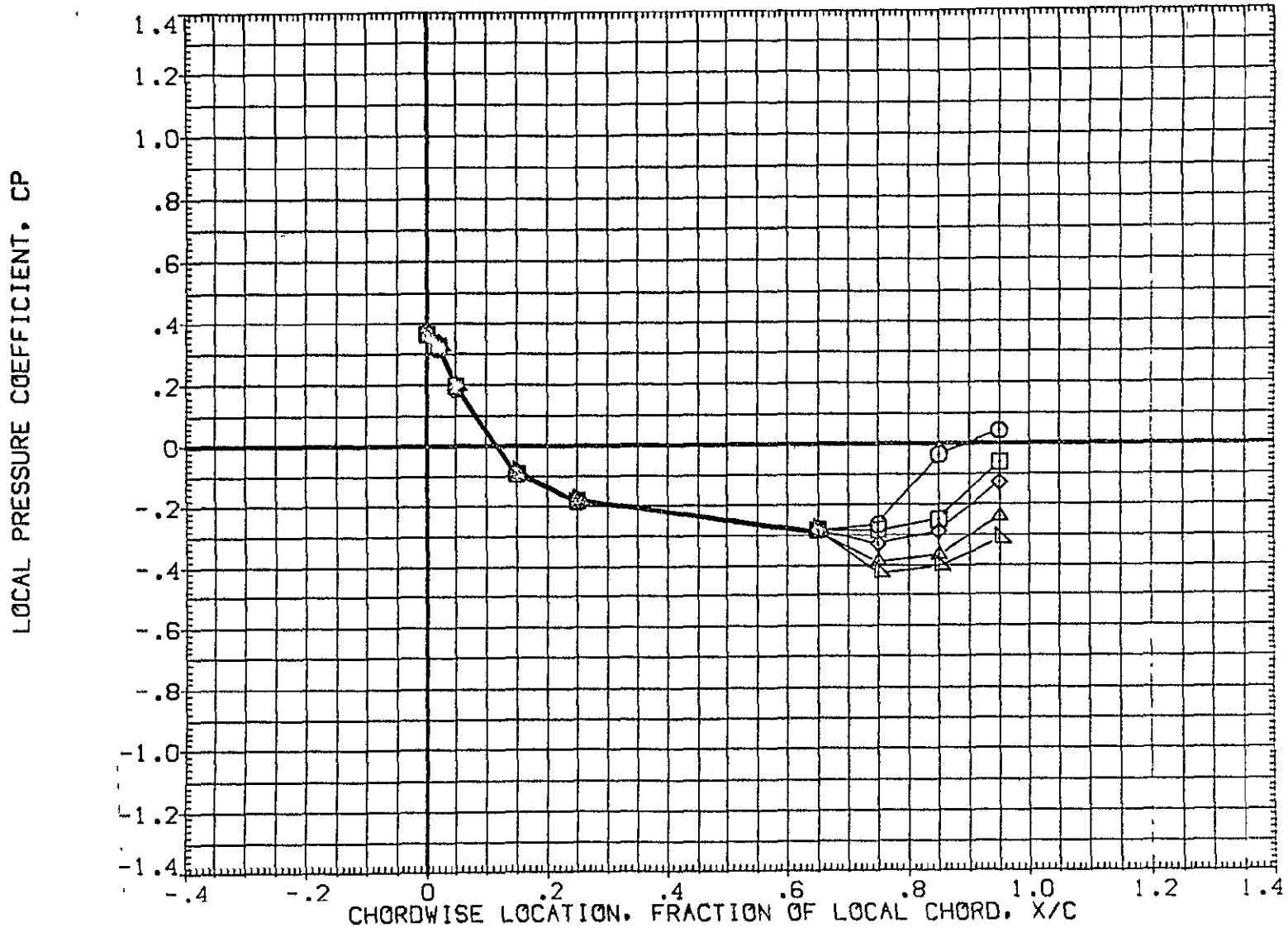

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	-12.000	12.000

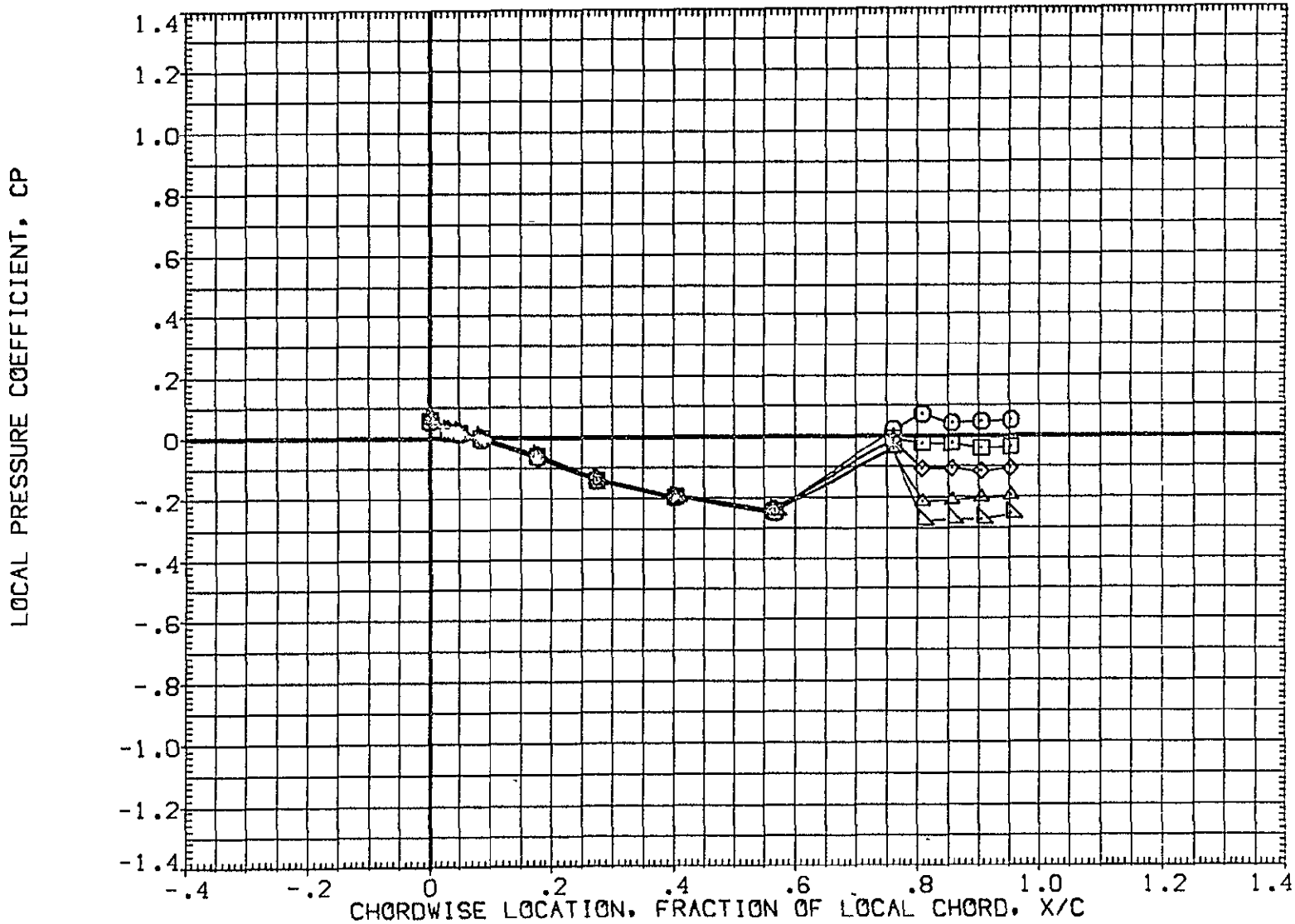

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	▽	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

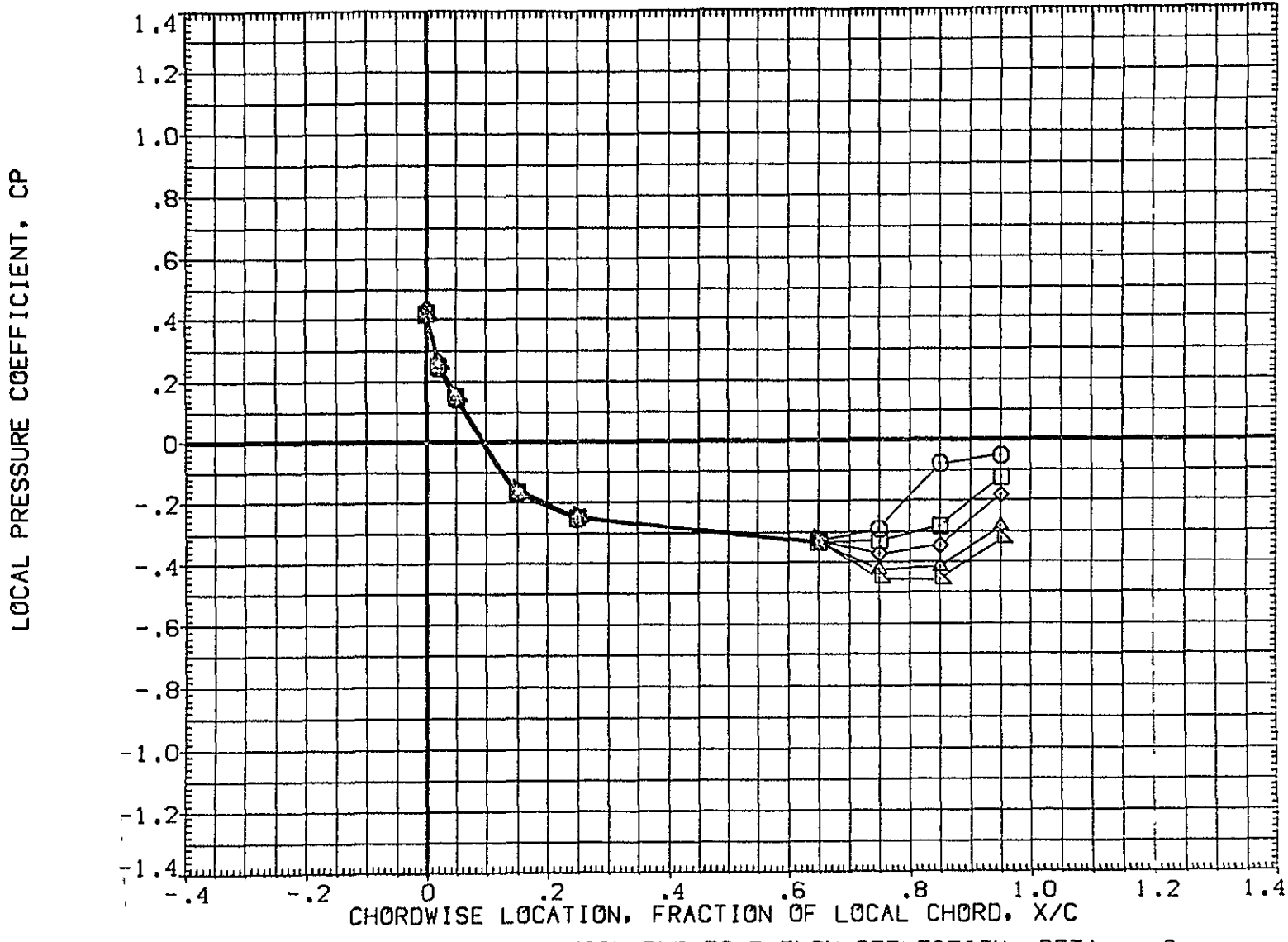

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▷	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

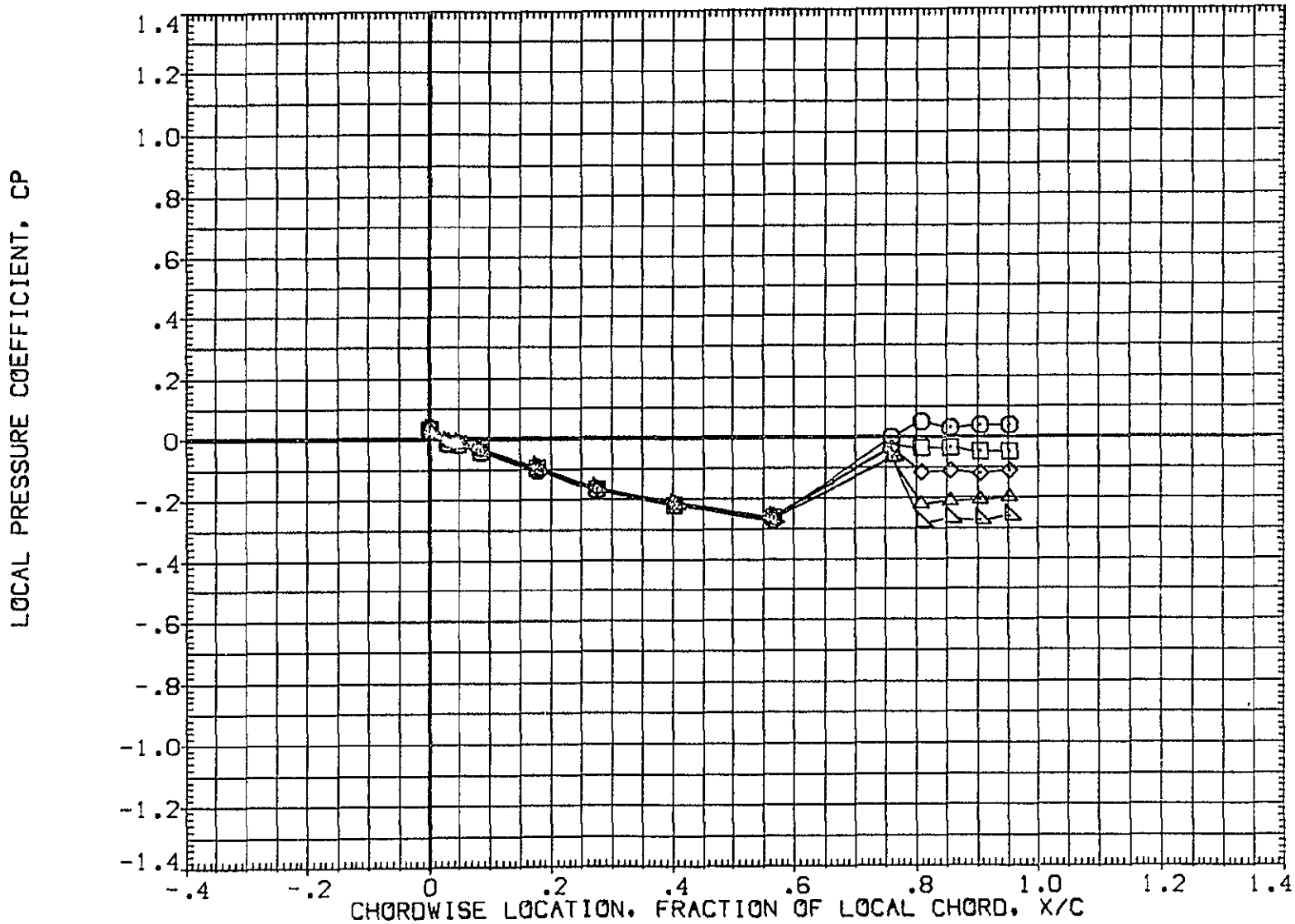

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	◁	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

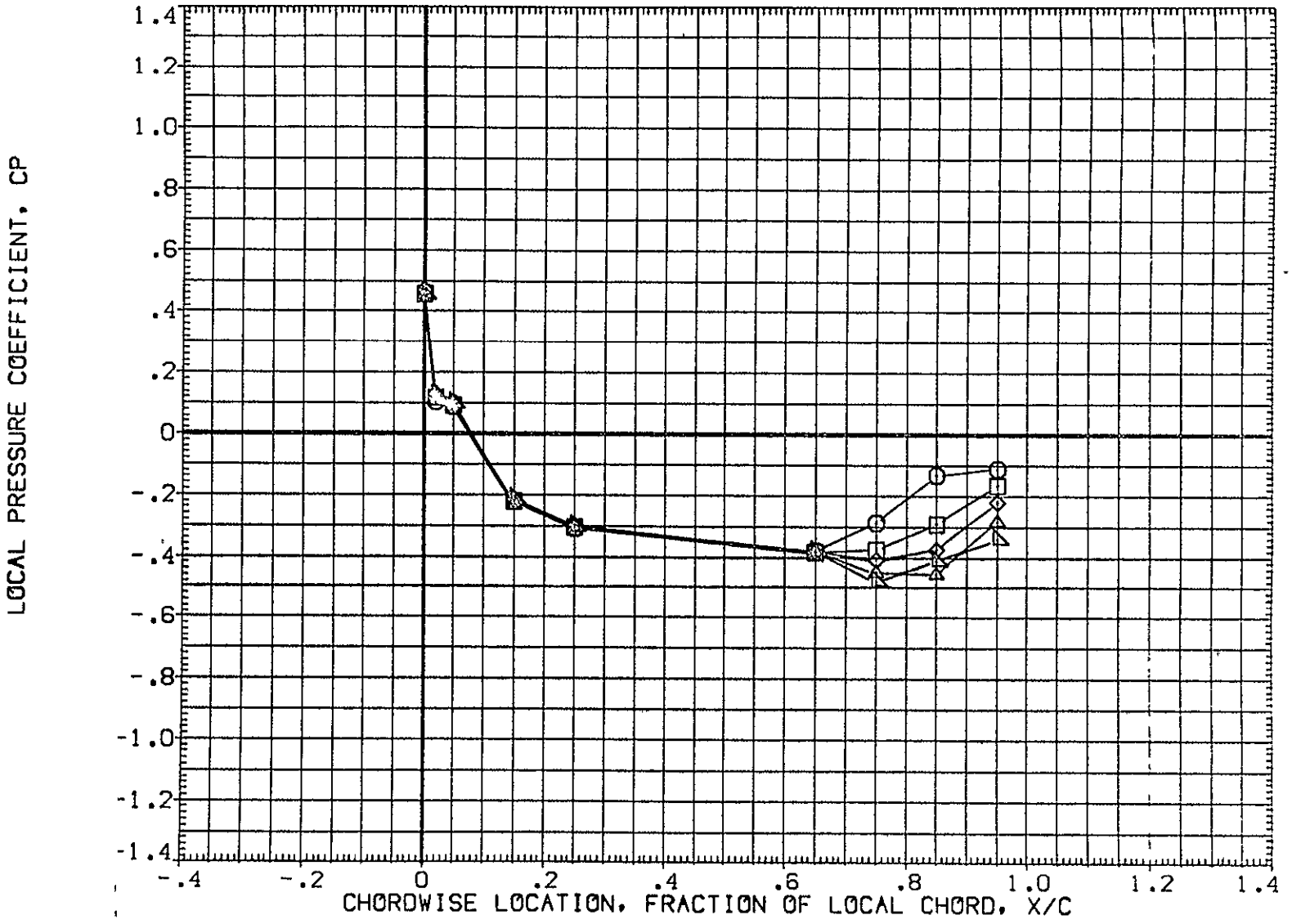

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)		IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

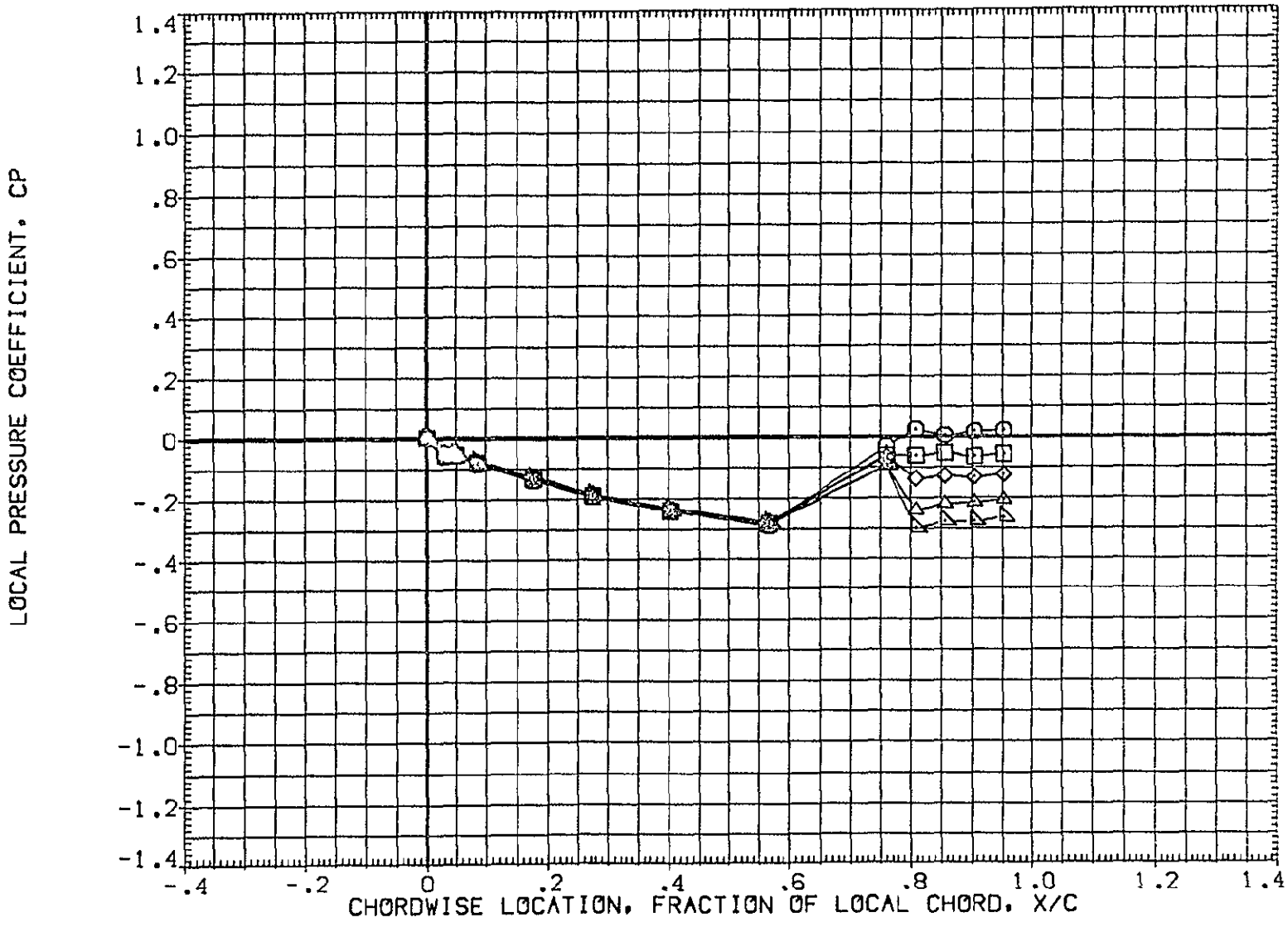

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

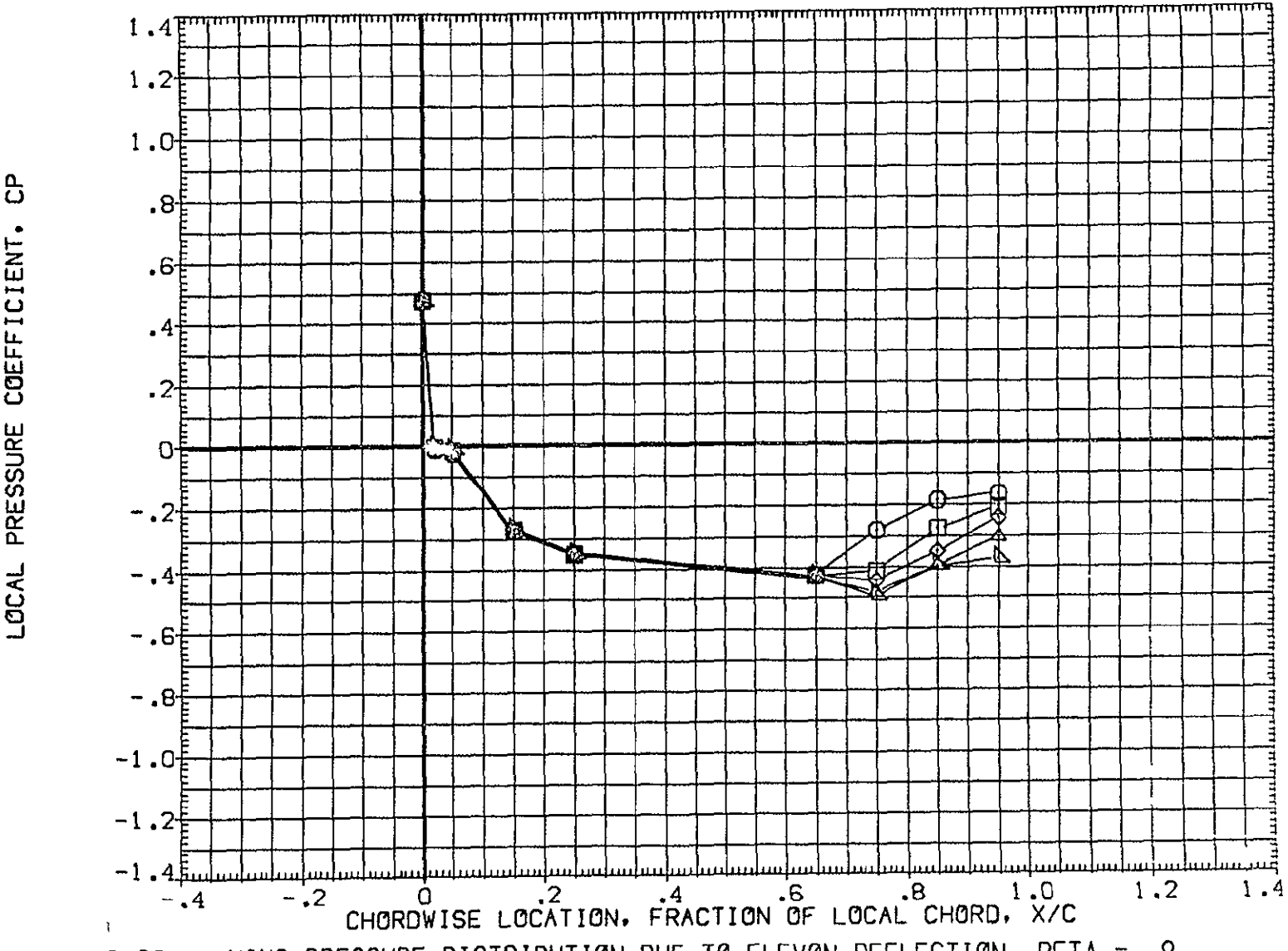

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	□	1A70 01 T12 SI P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	○	1A70 01 T12 SI P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 SI P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70 01 T12 SI P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	1A70 01 T12 SI P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

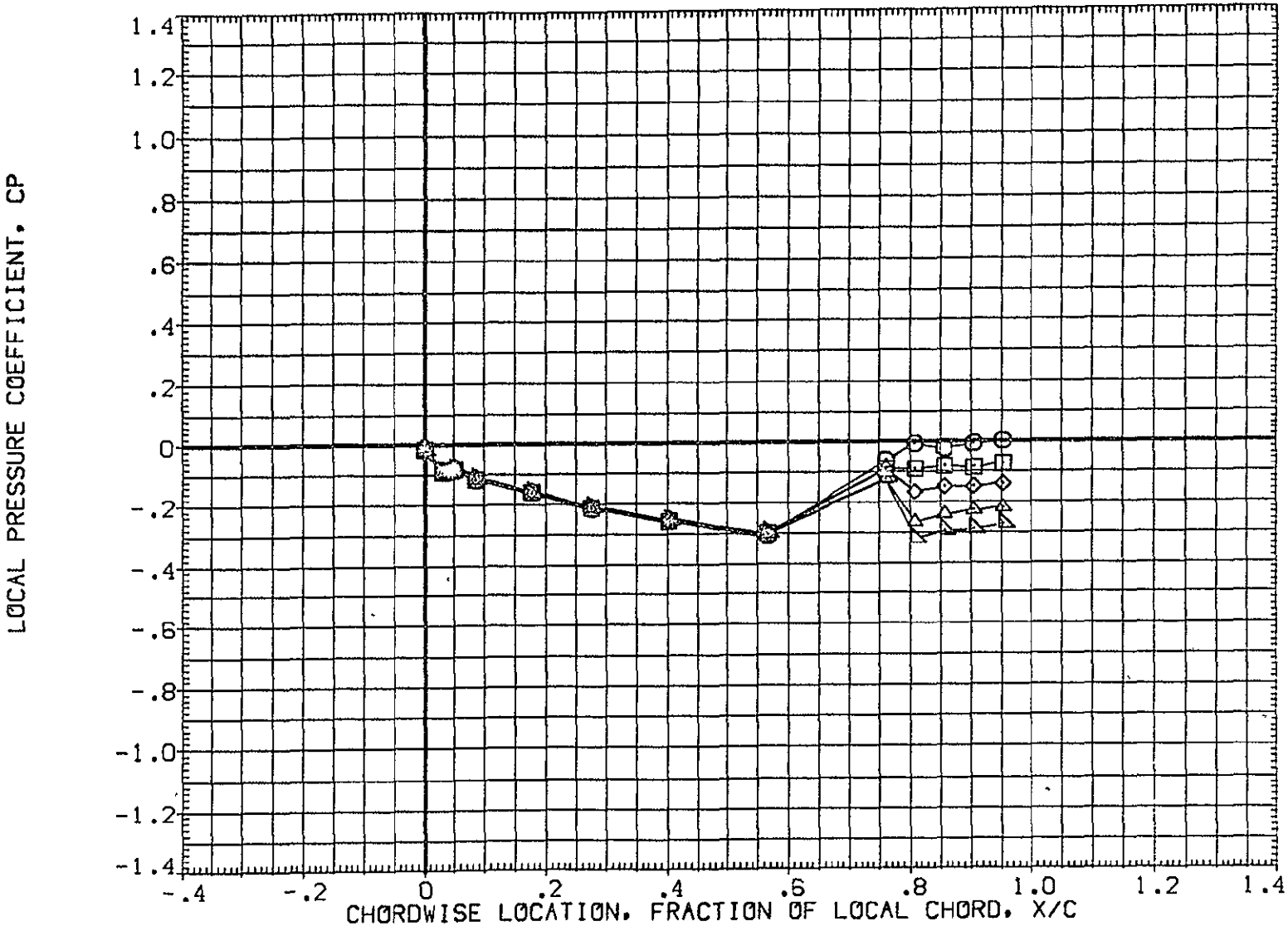

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	□	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

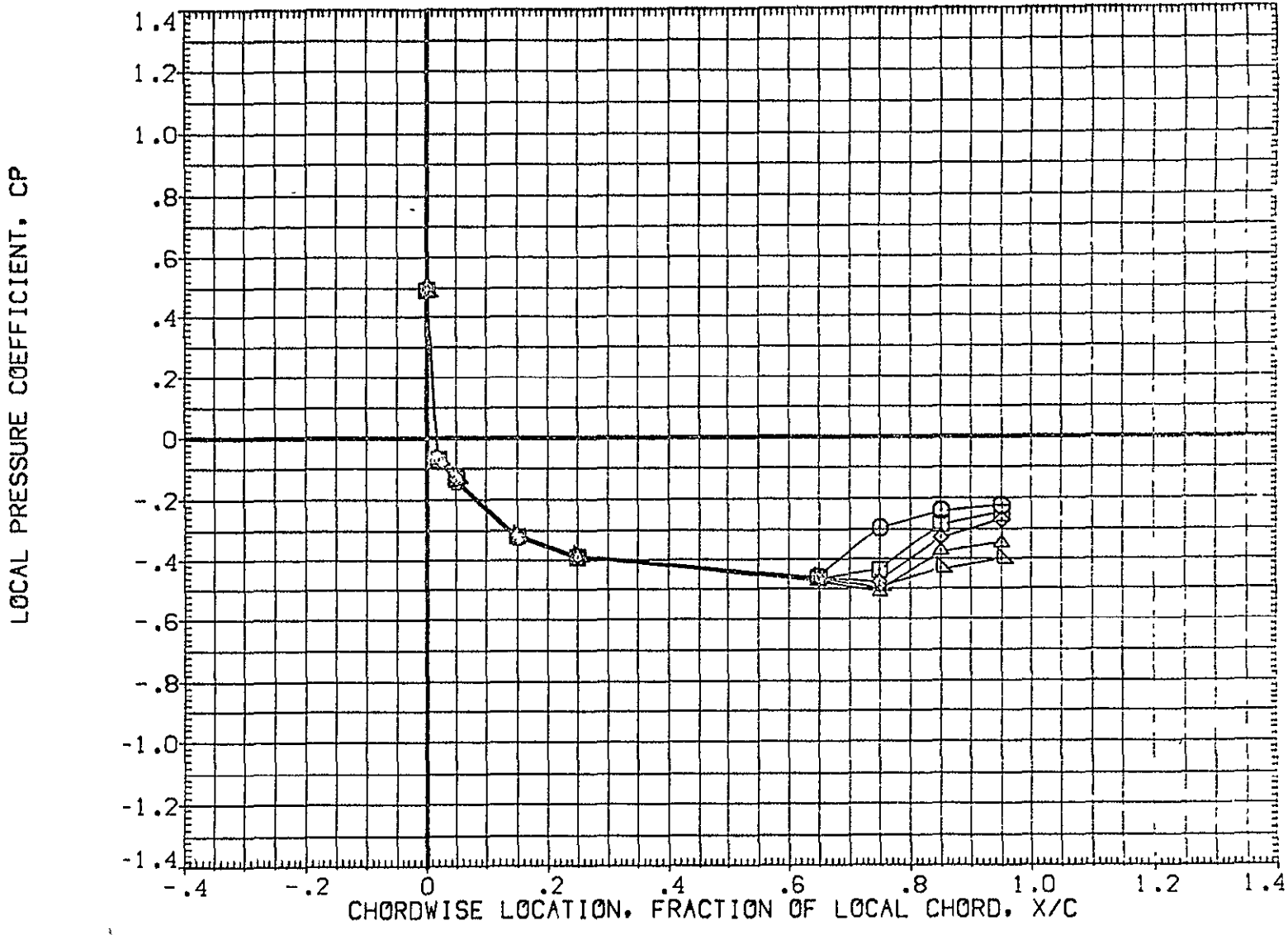

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE			-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

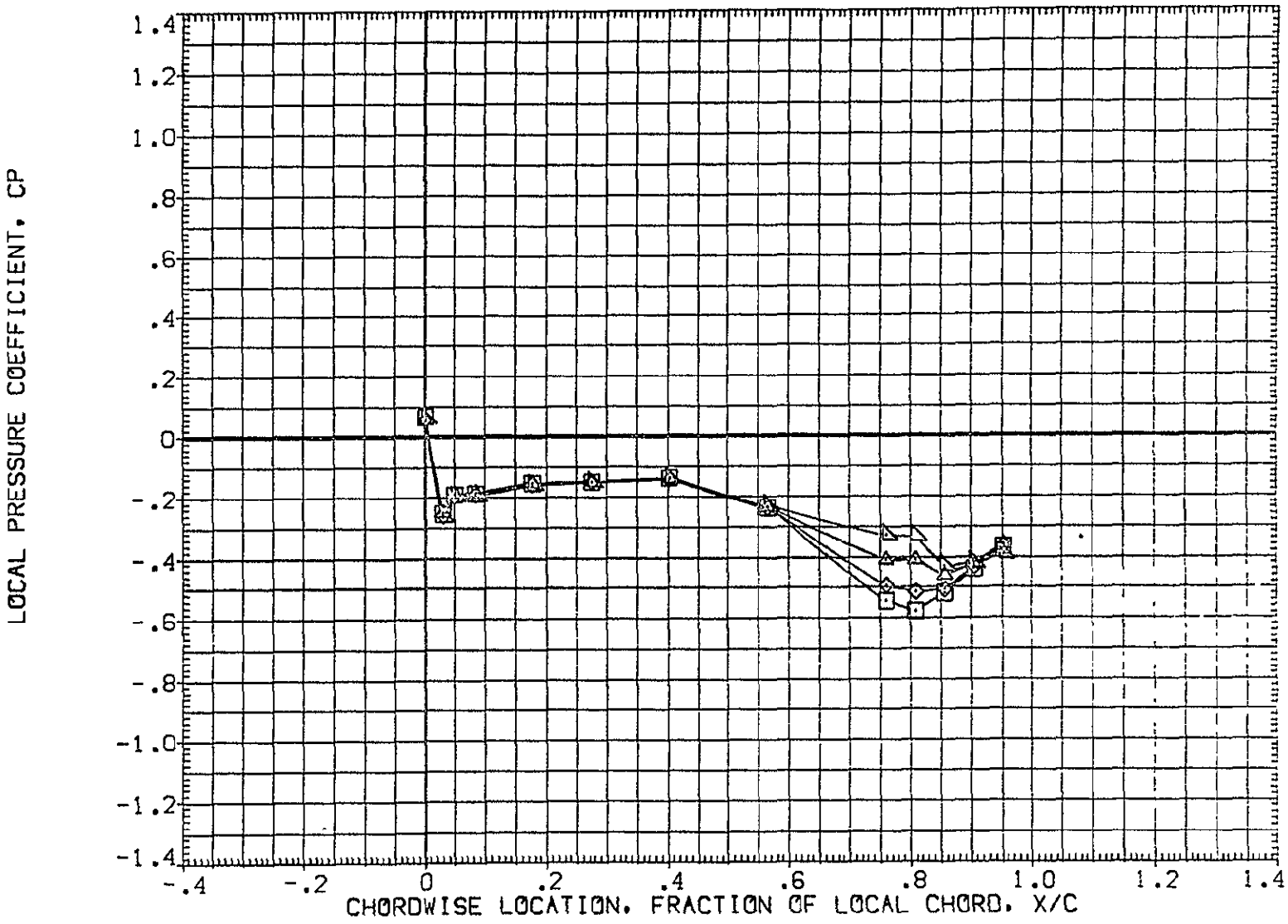

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

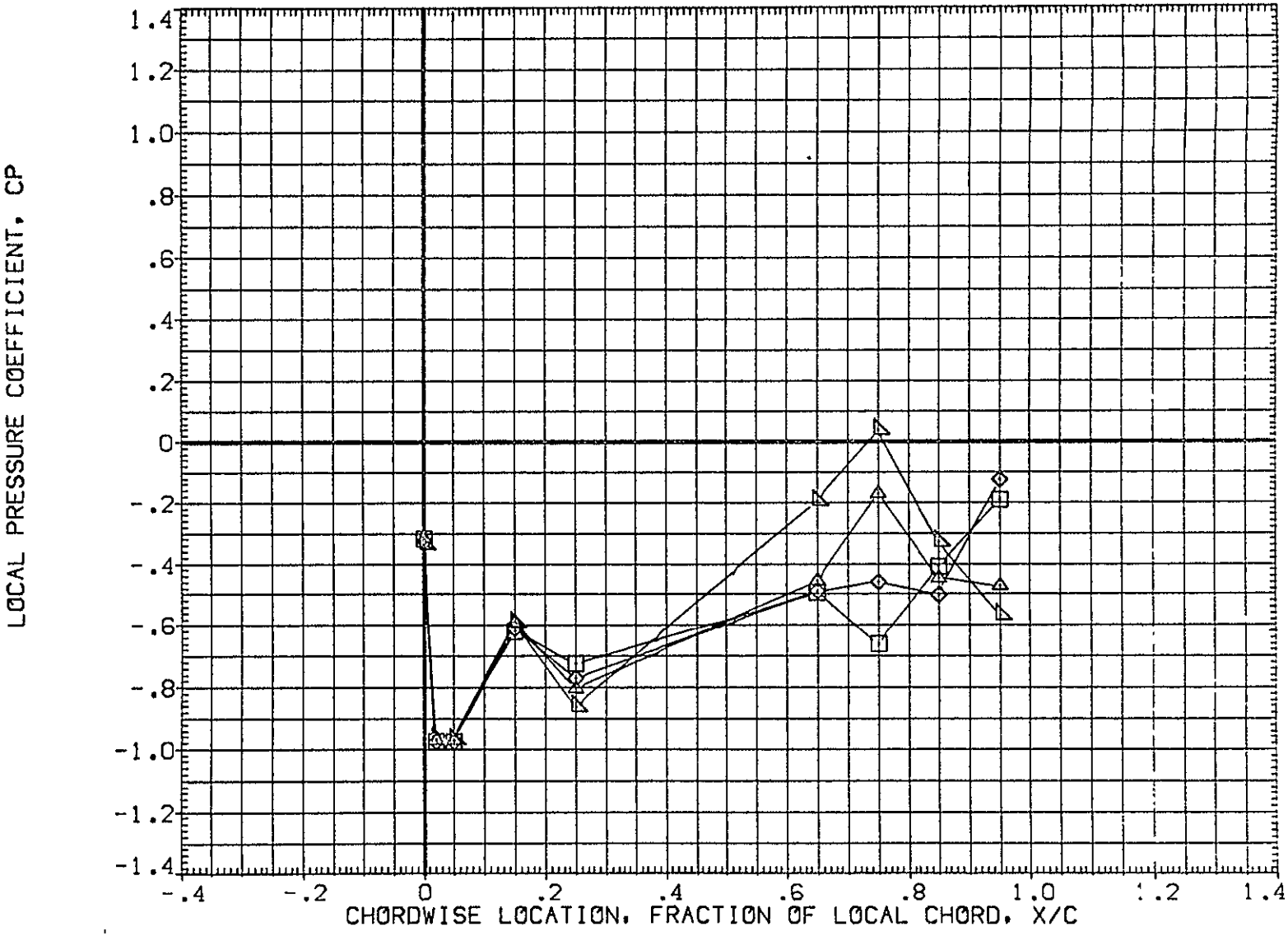

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

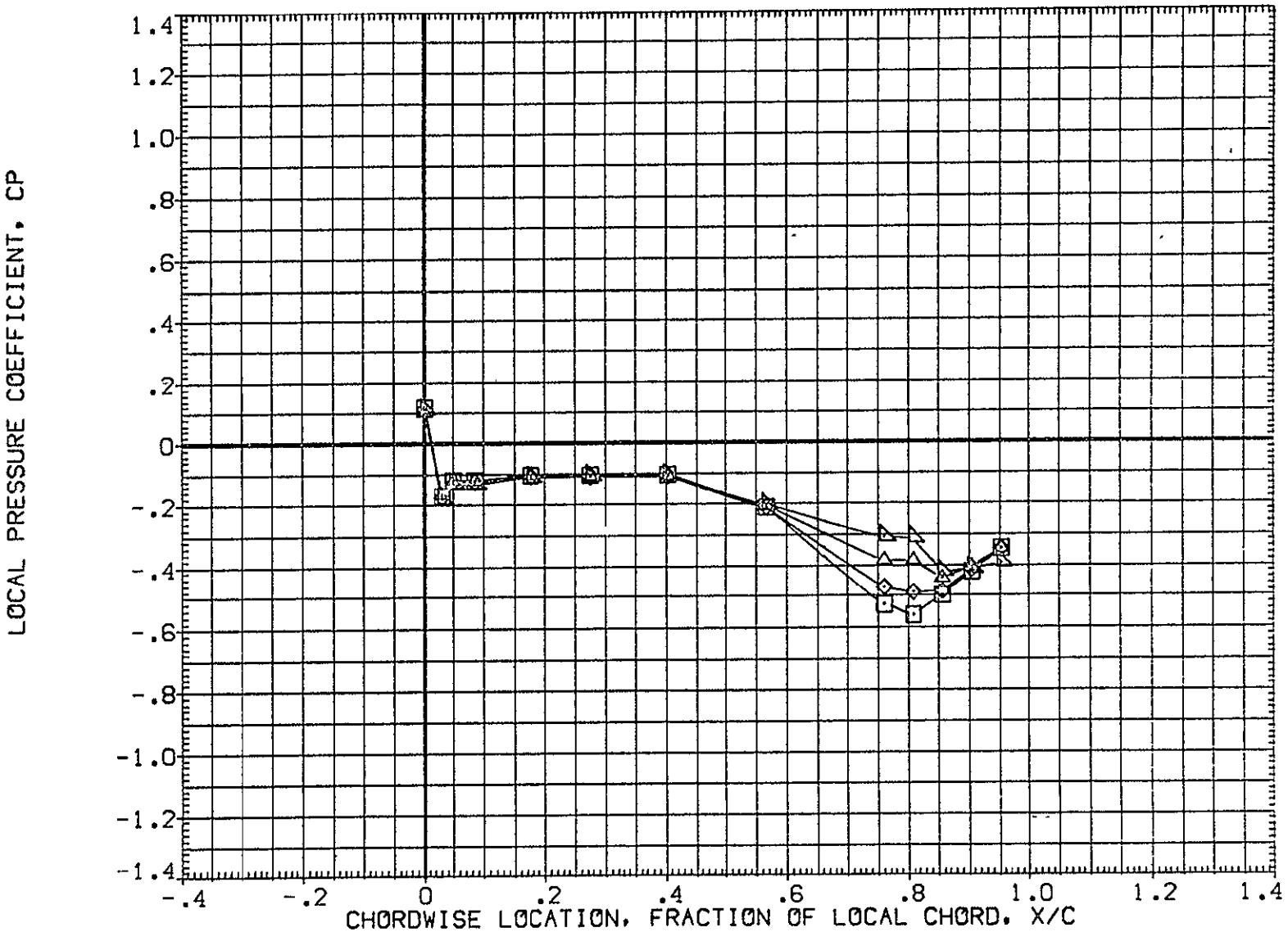

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	◁	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◿	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

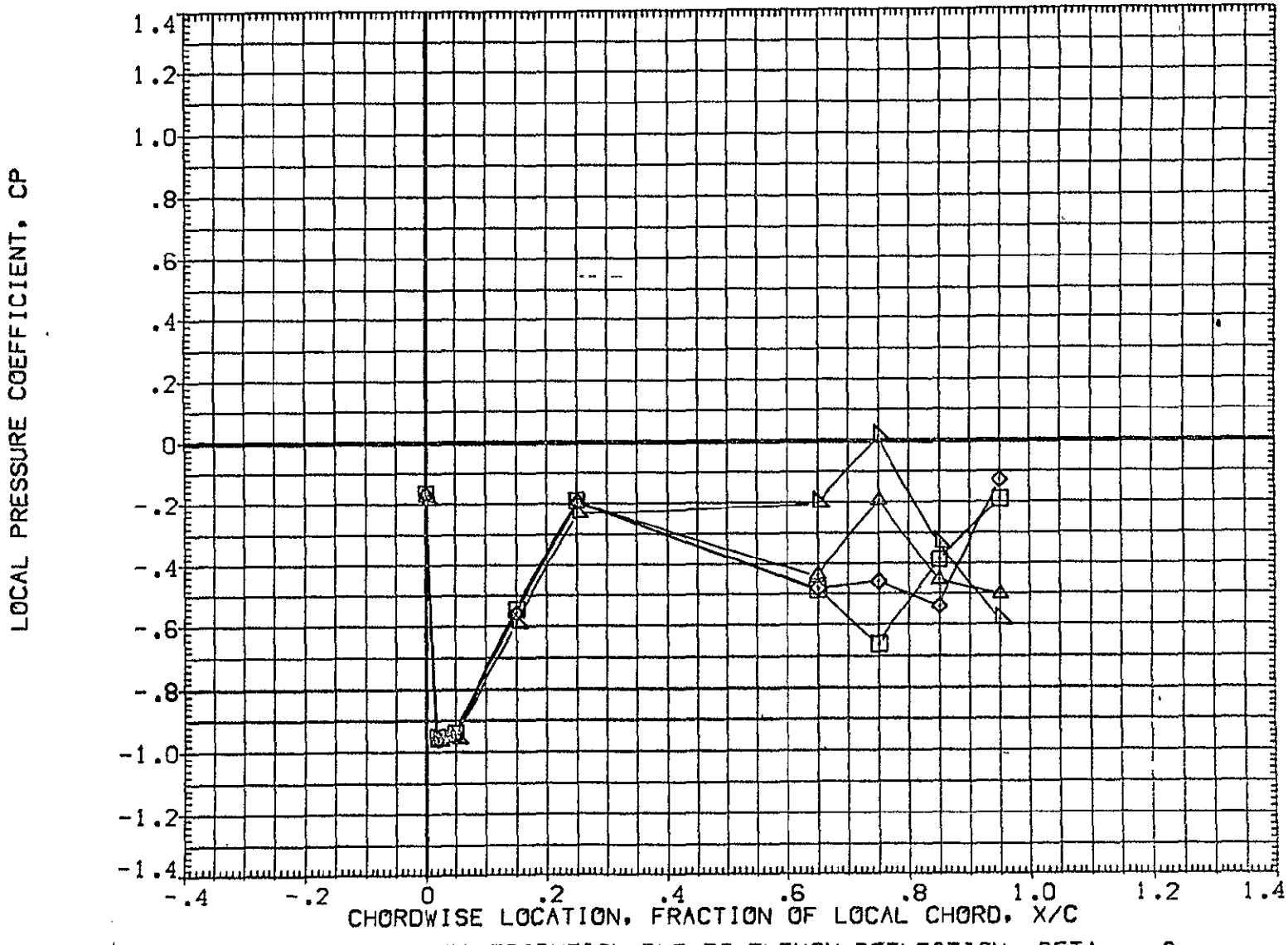

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	□	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◁	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

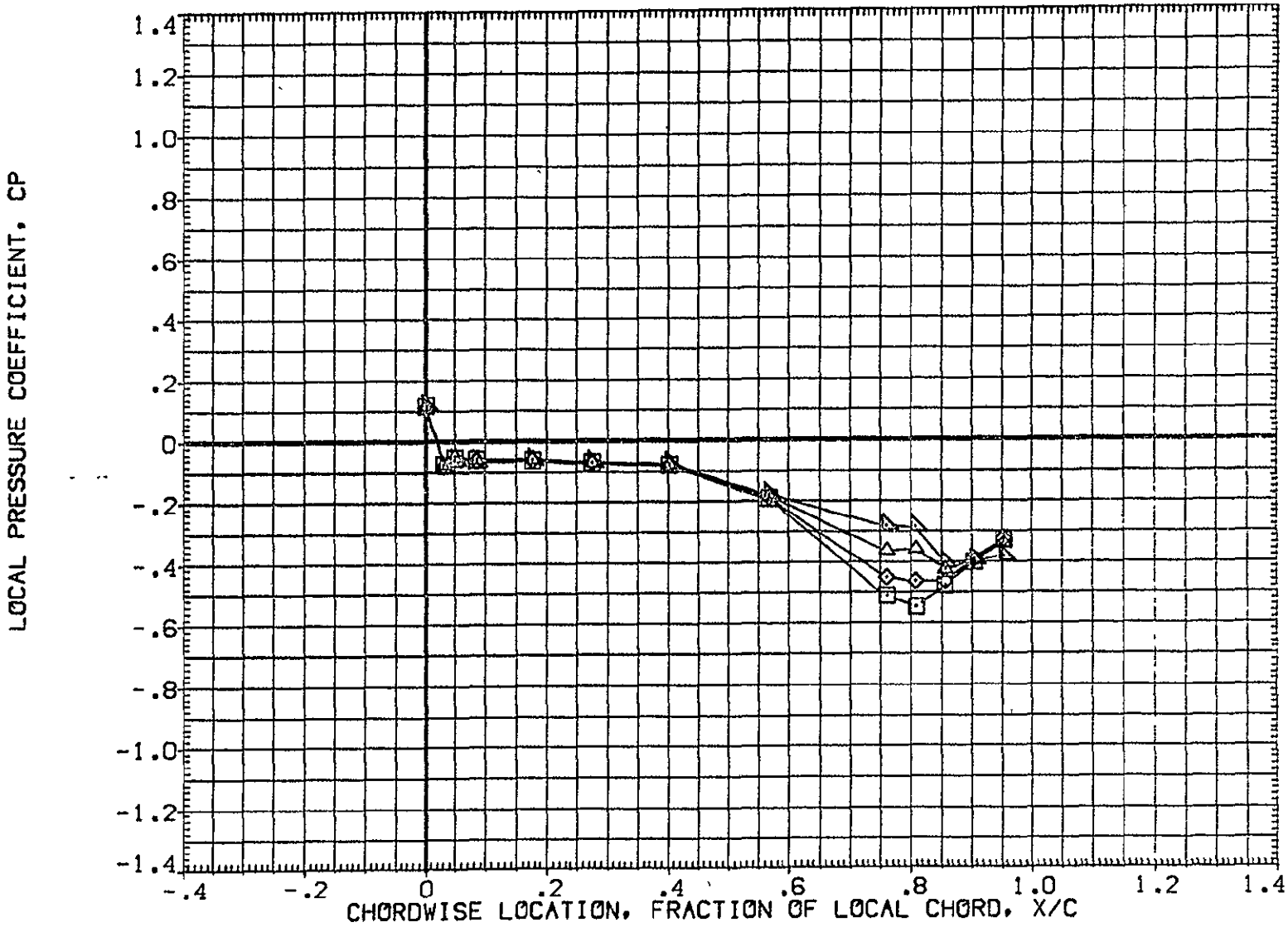

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

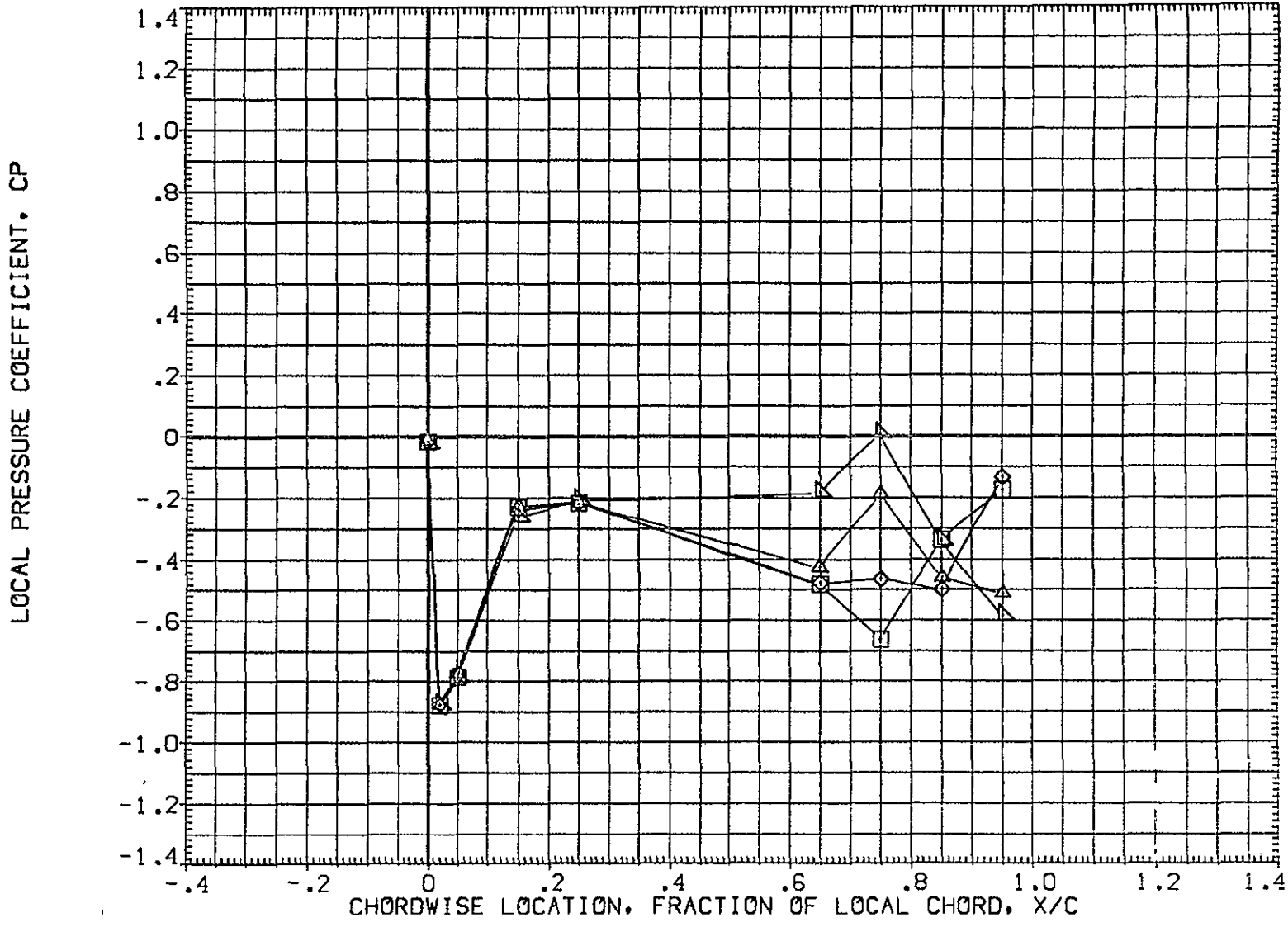

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .771

C-7

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

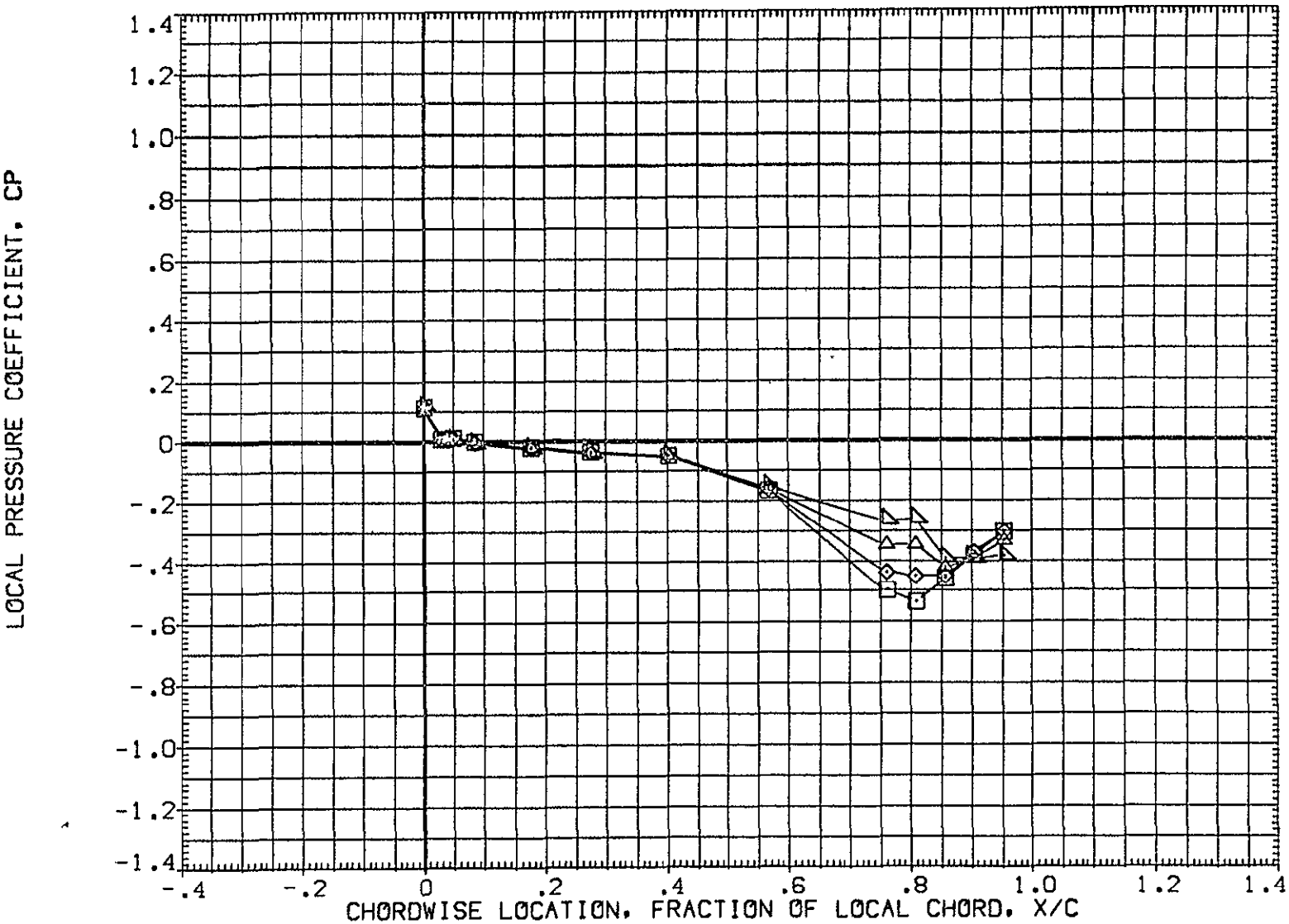

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

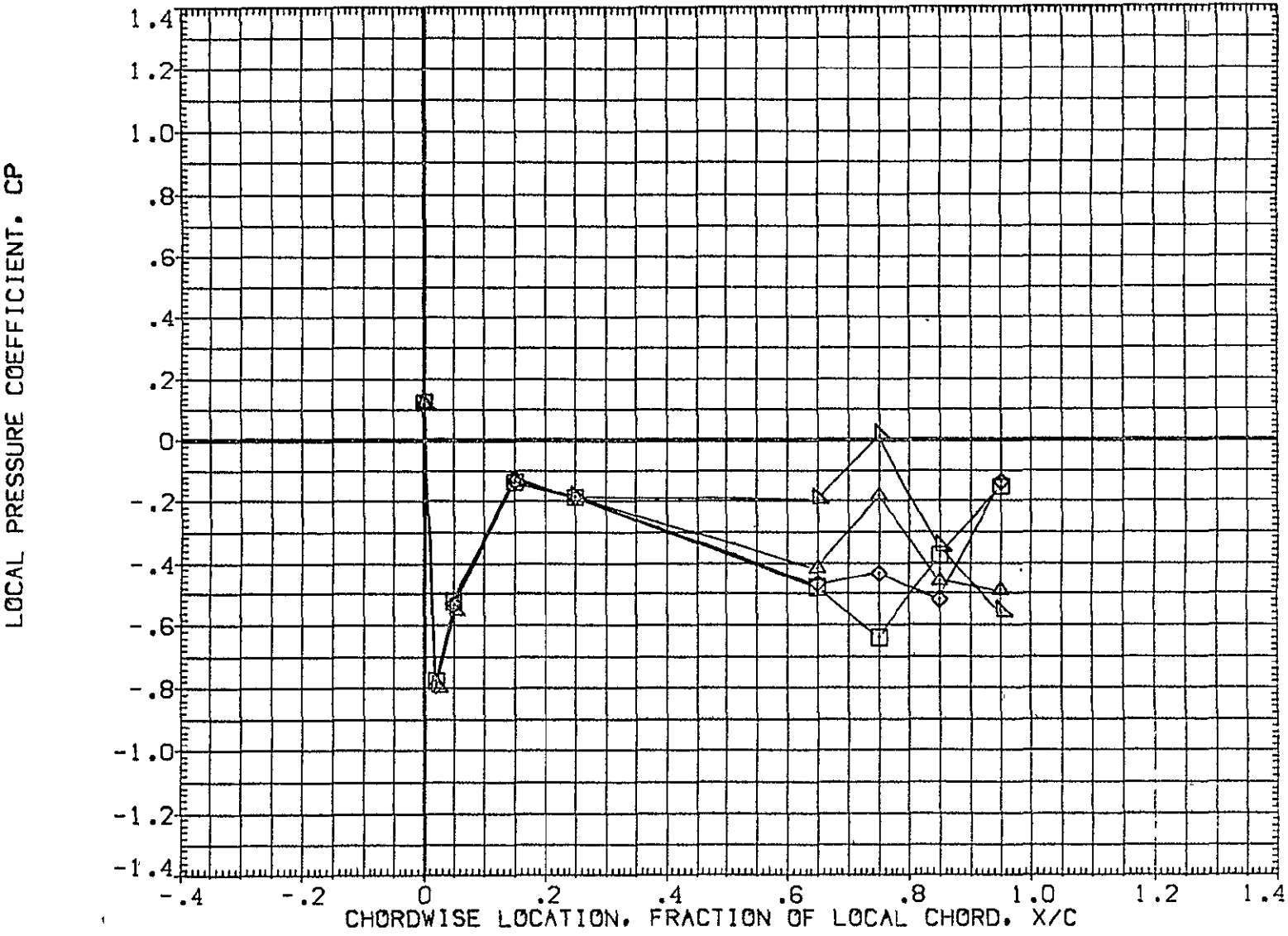

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

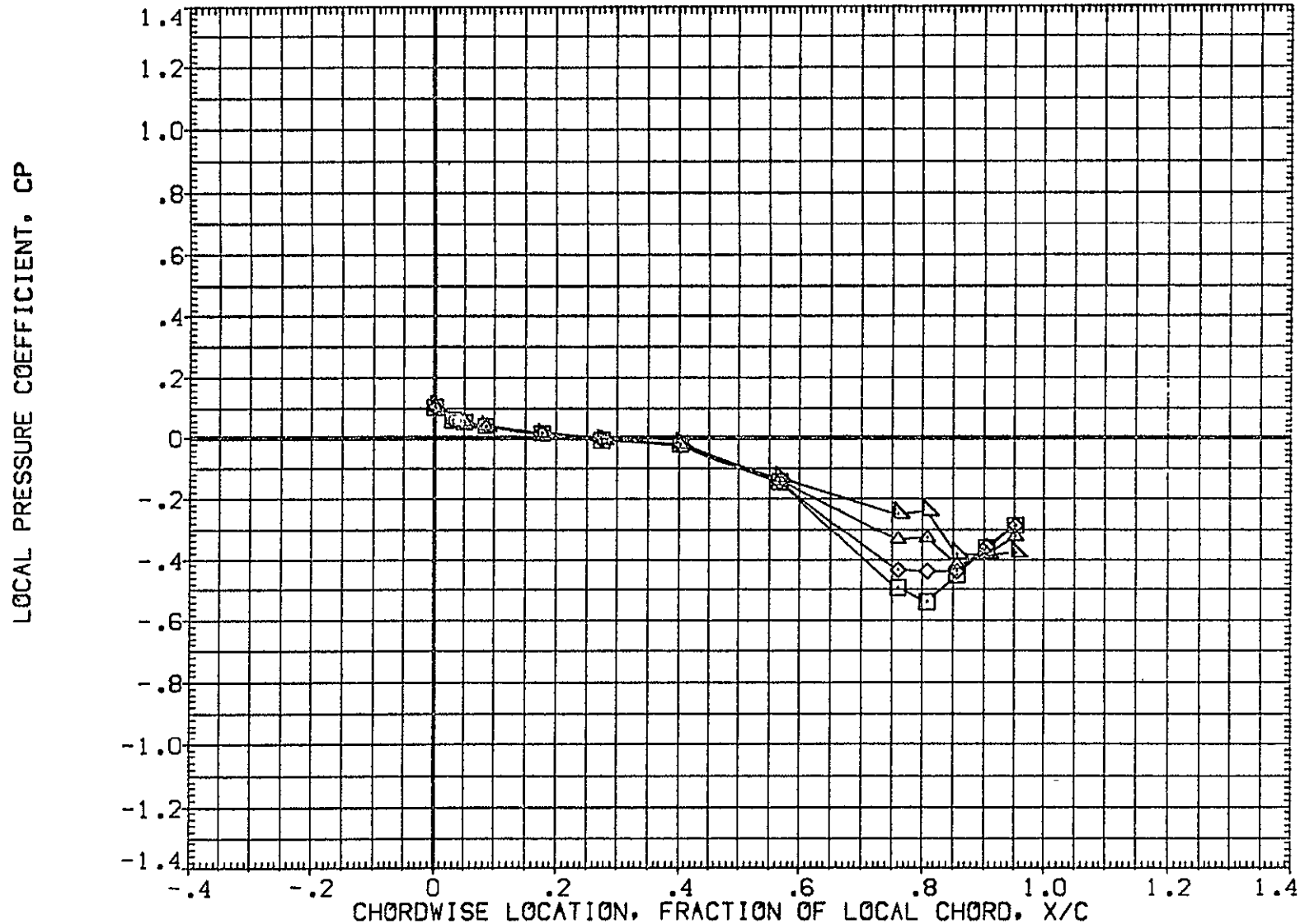

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

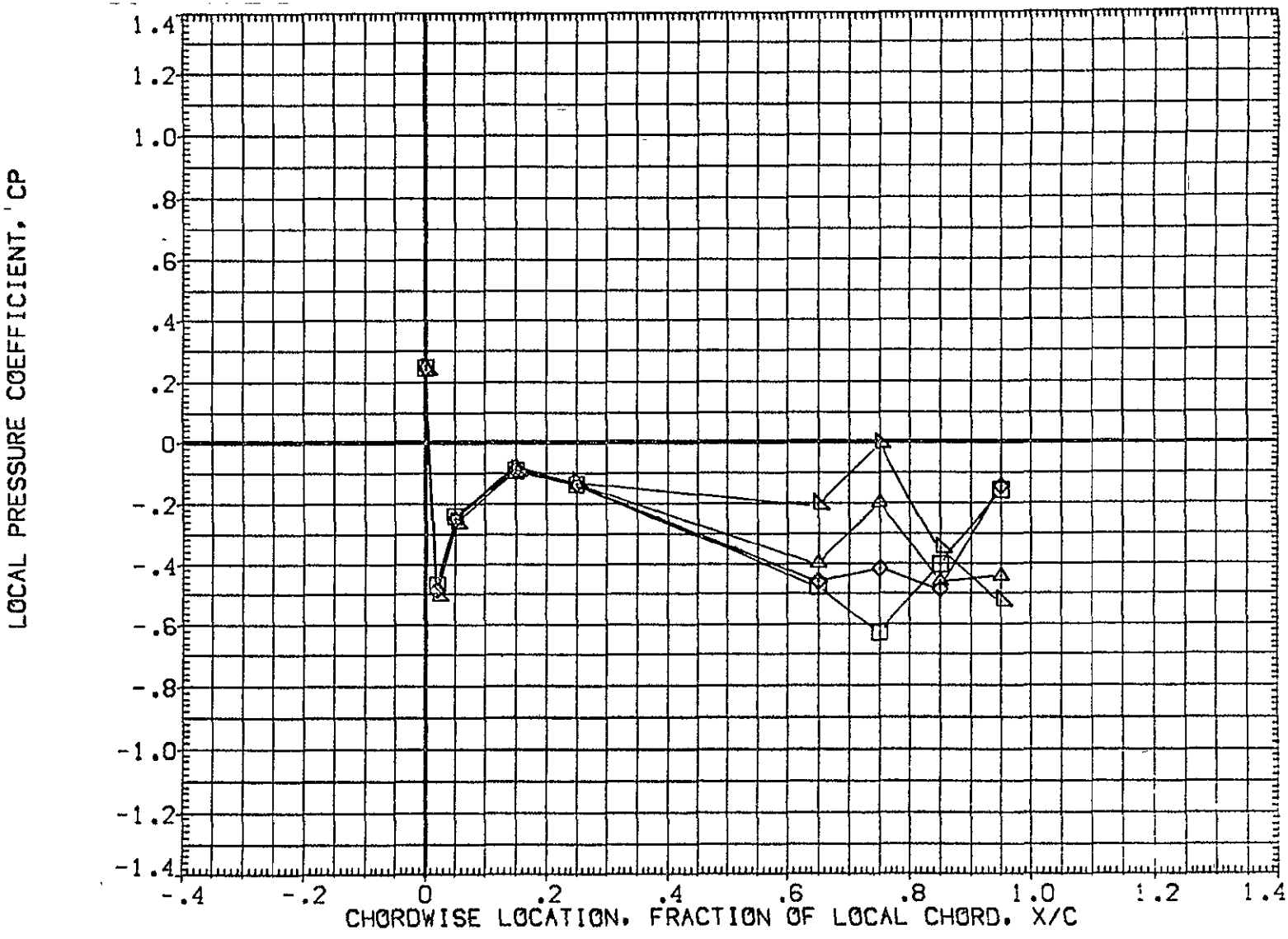

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
[AF7L47]	□	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	◇	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	⋈	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	◺	IA70 01 T12 SI P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

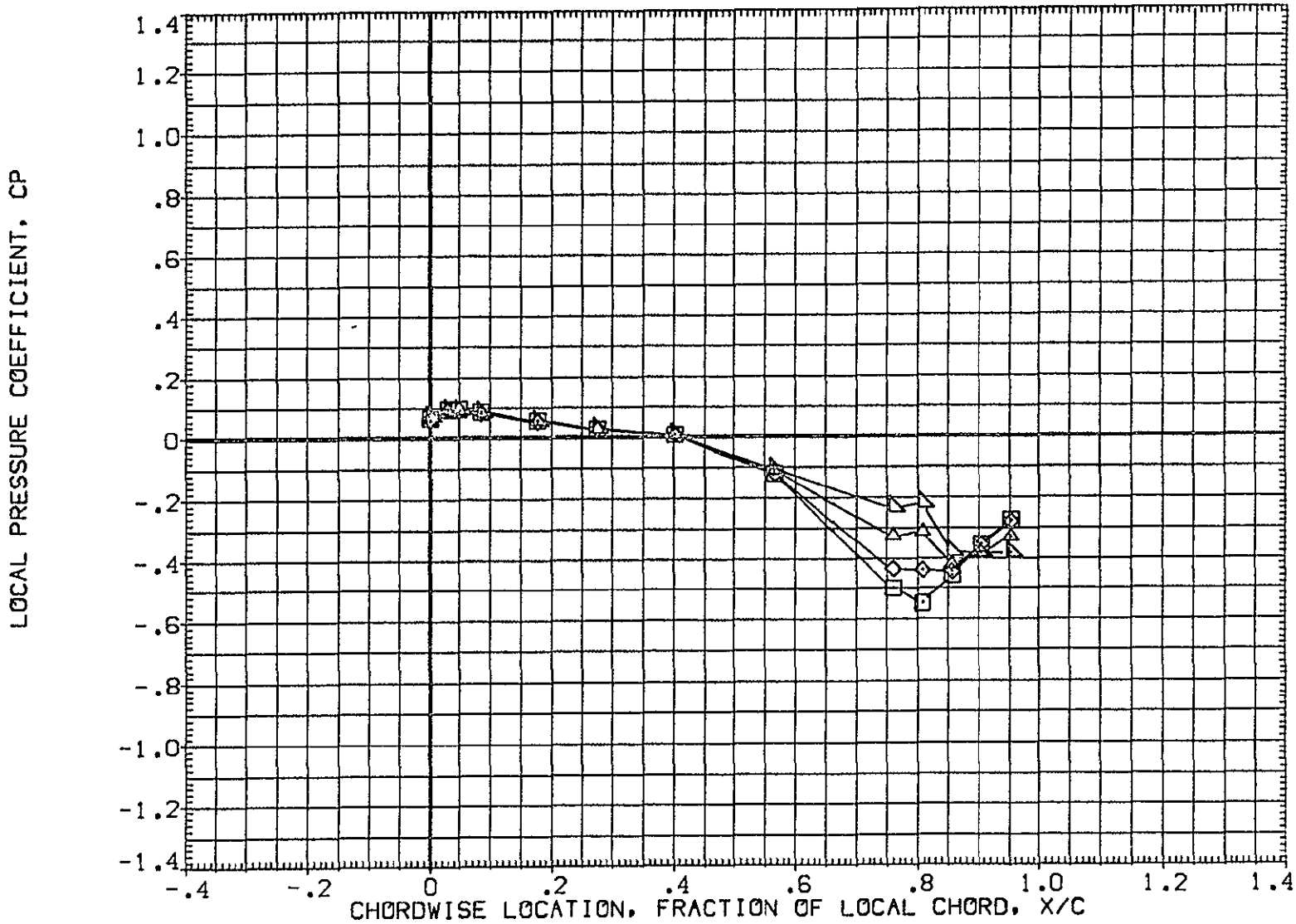

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◁	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

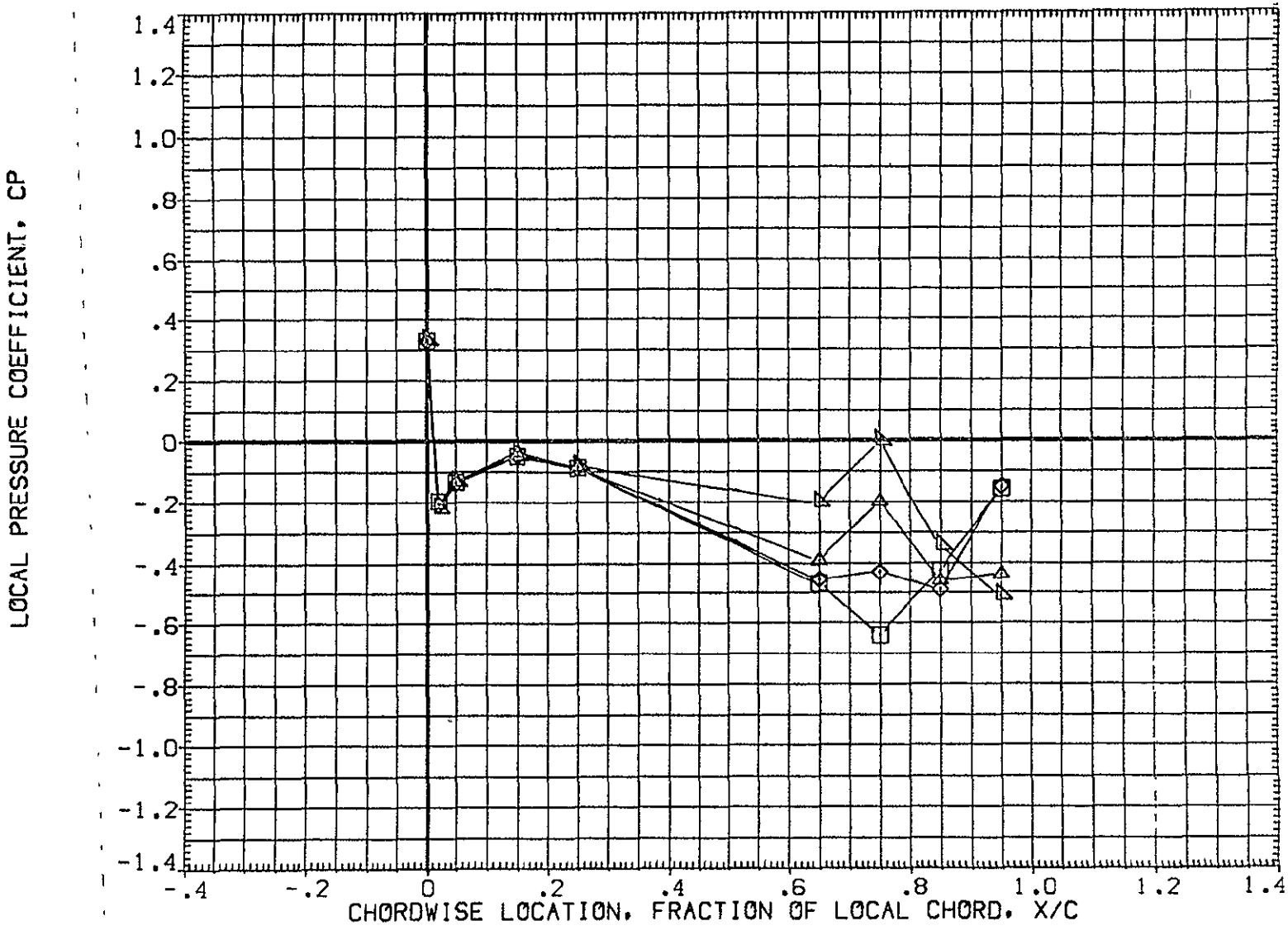

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

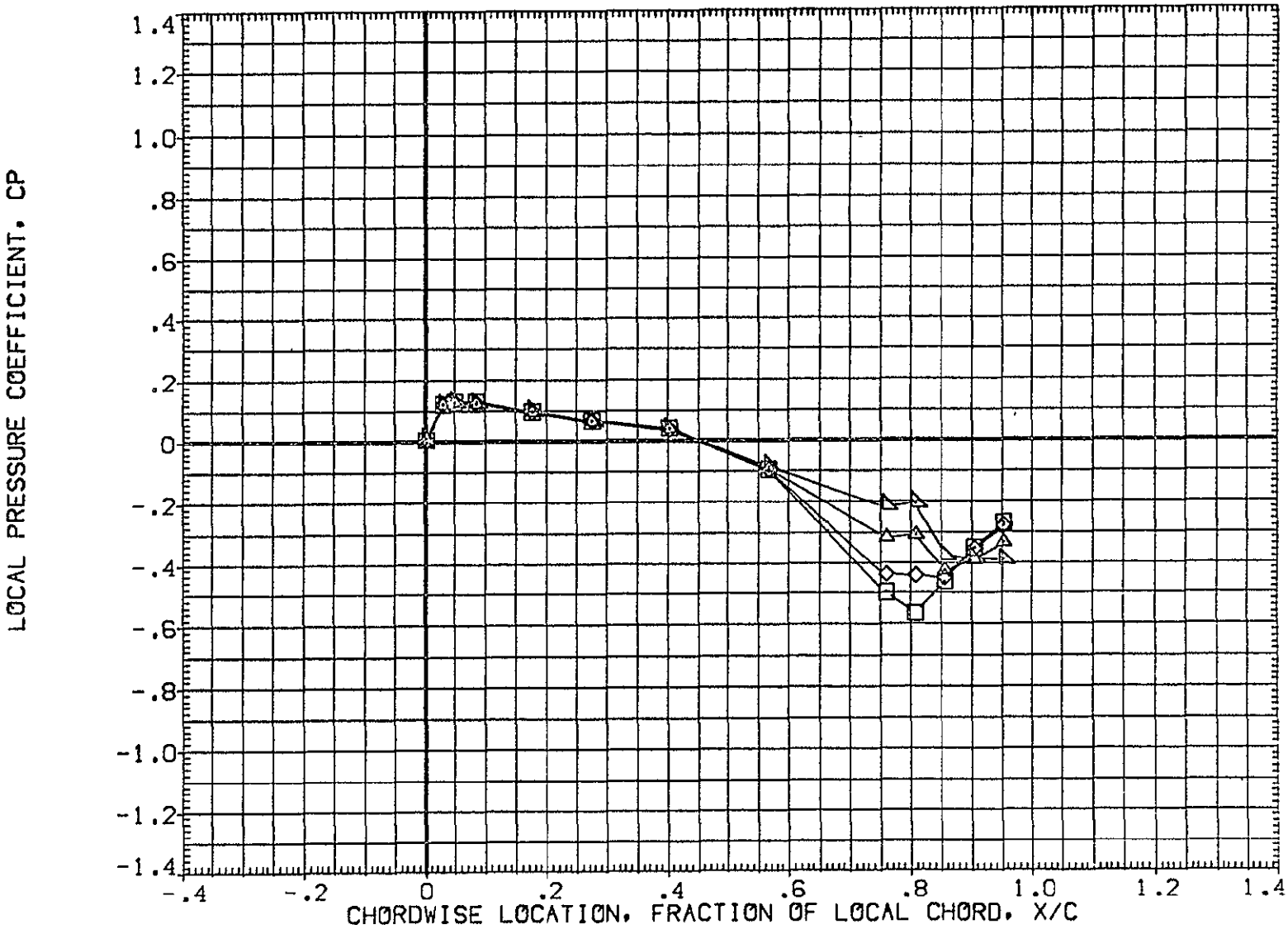

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

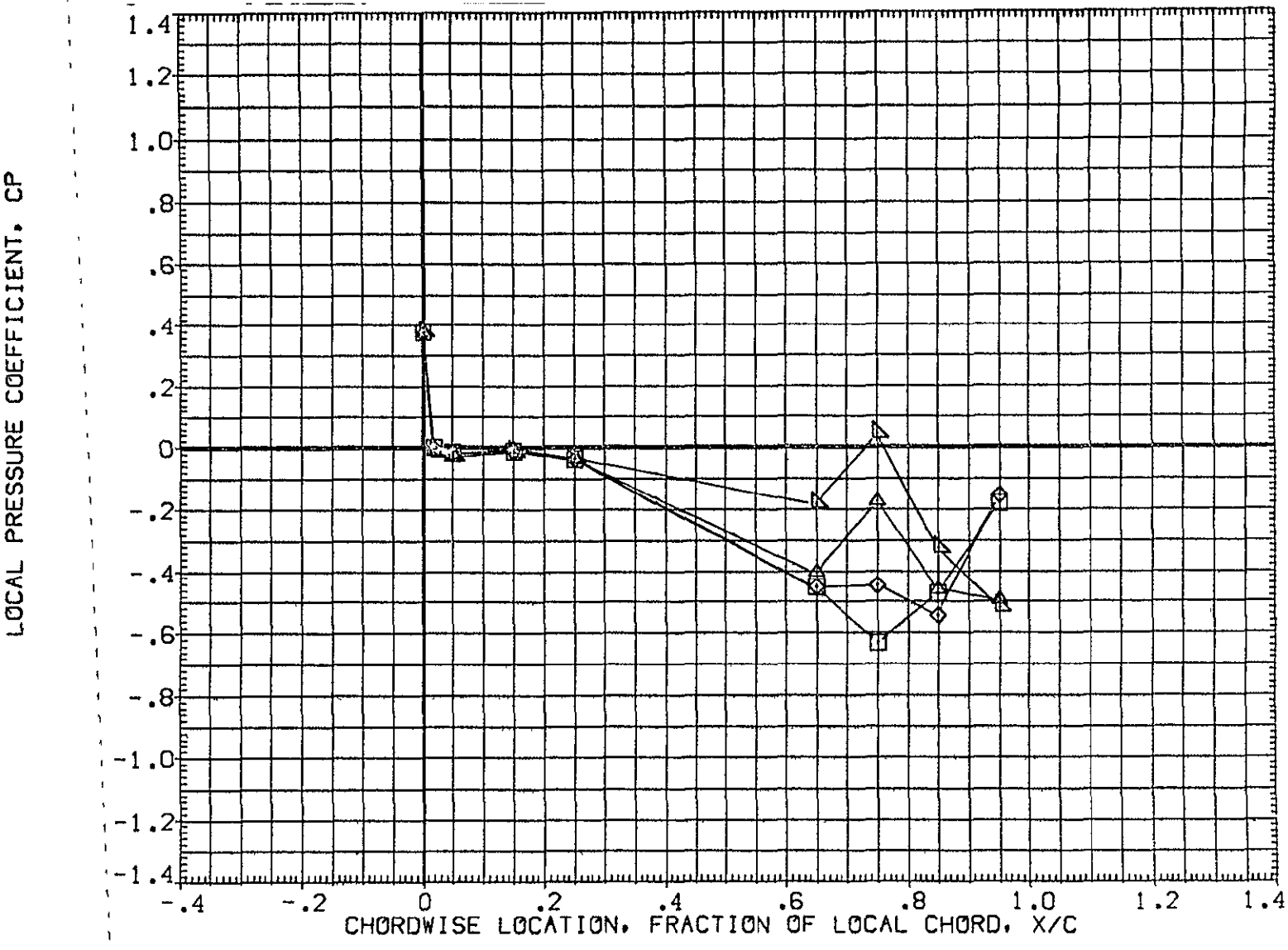

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

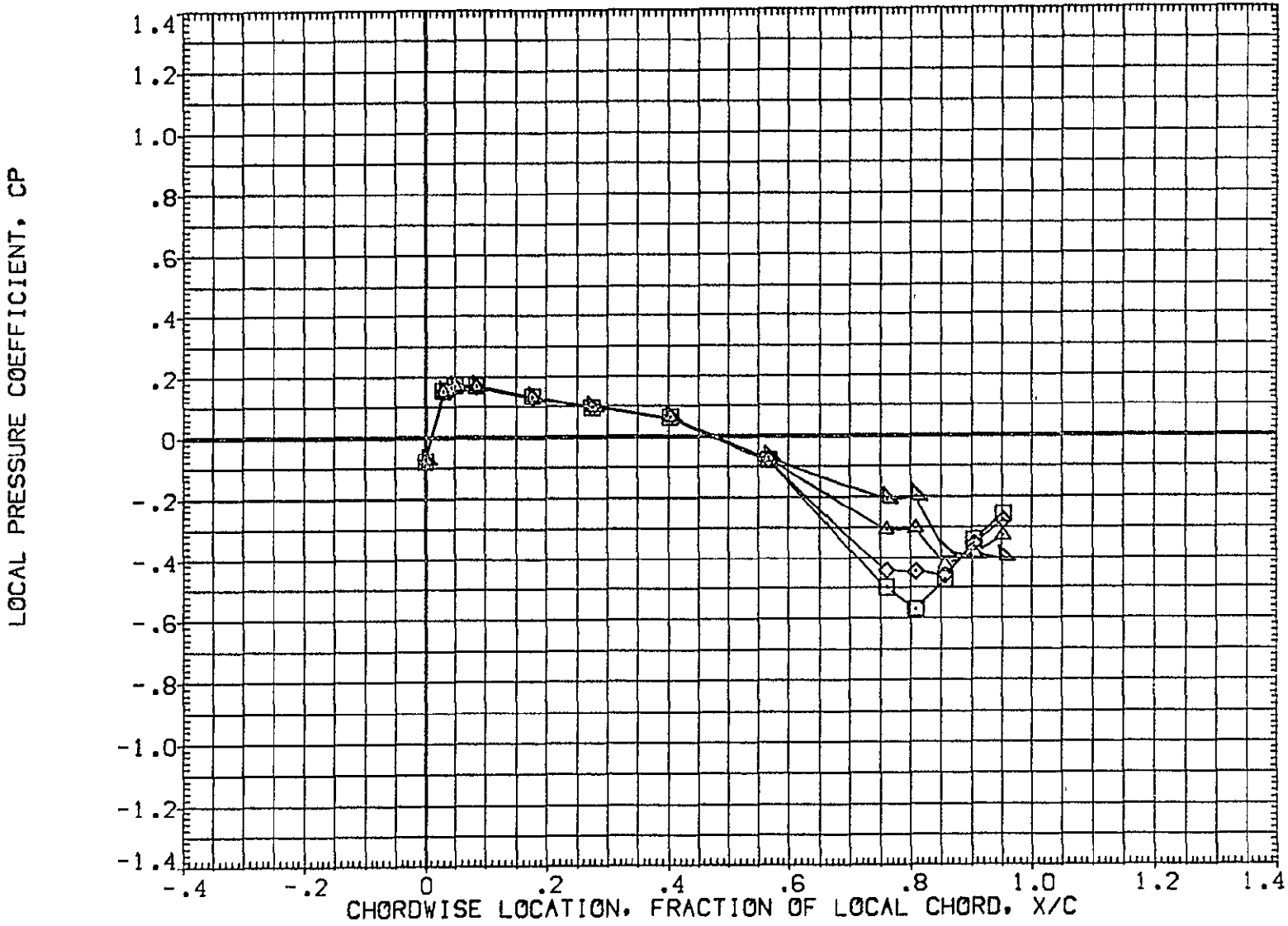

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

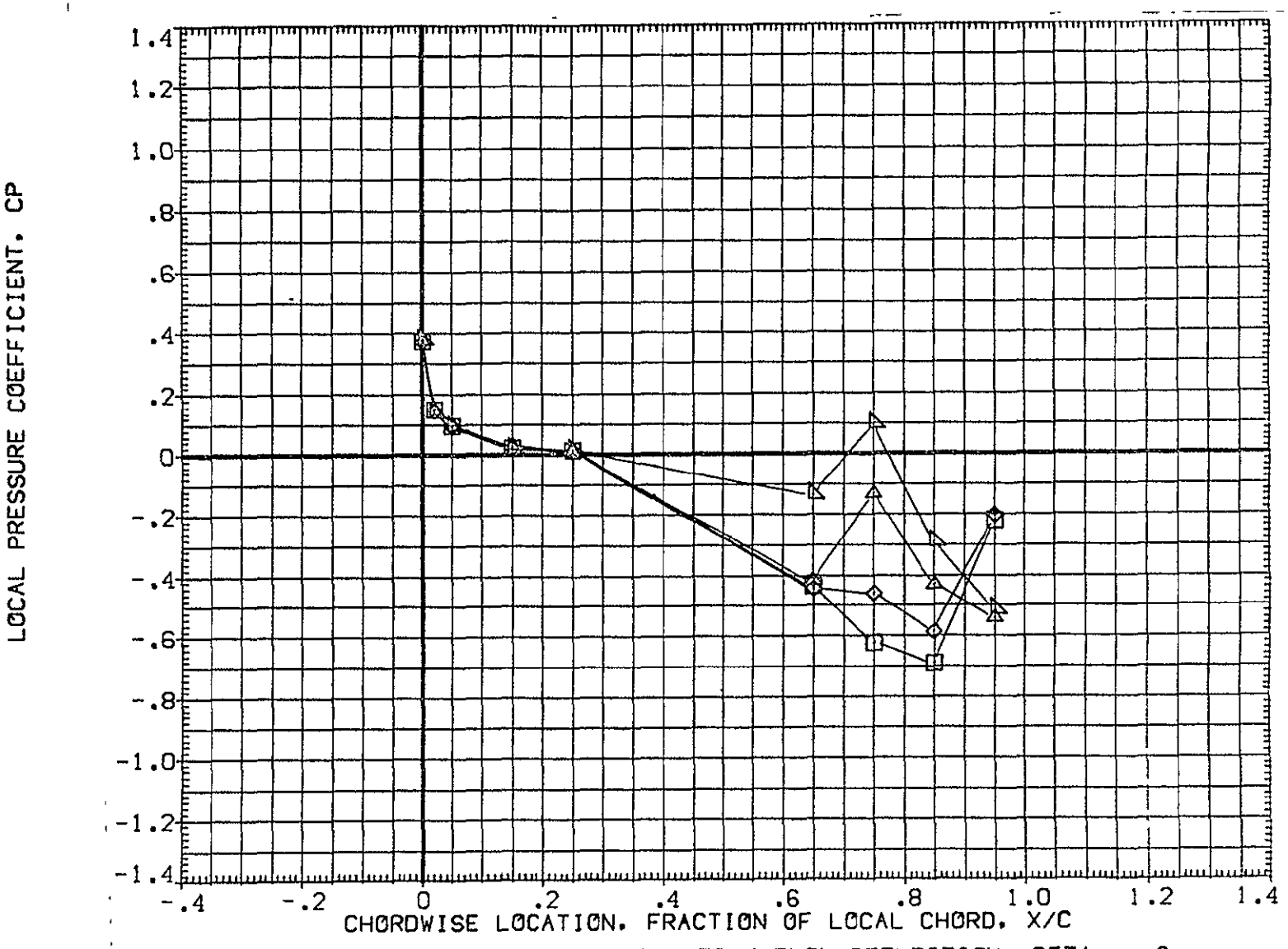

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	◁	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

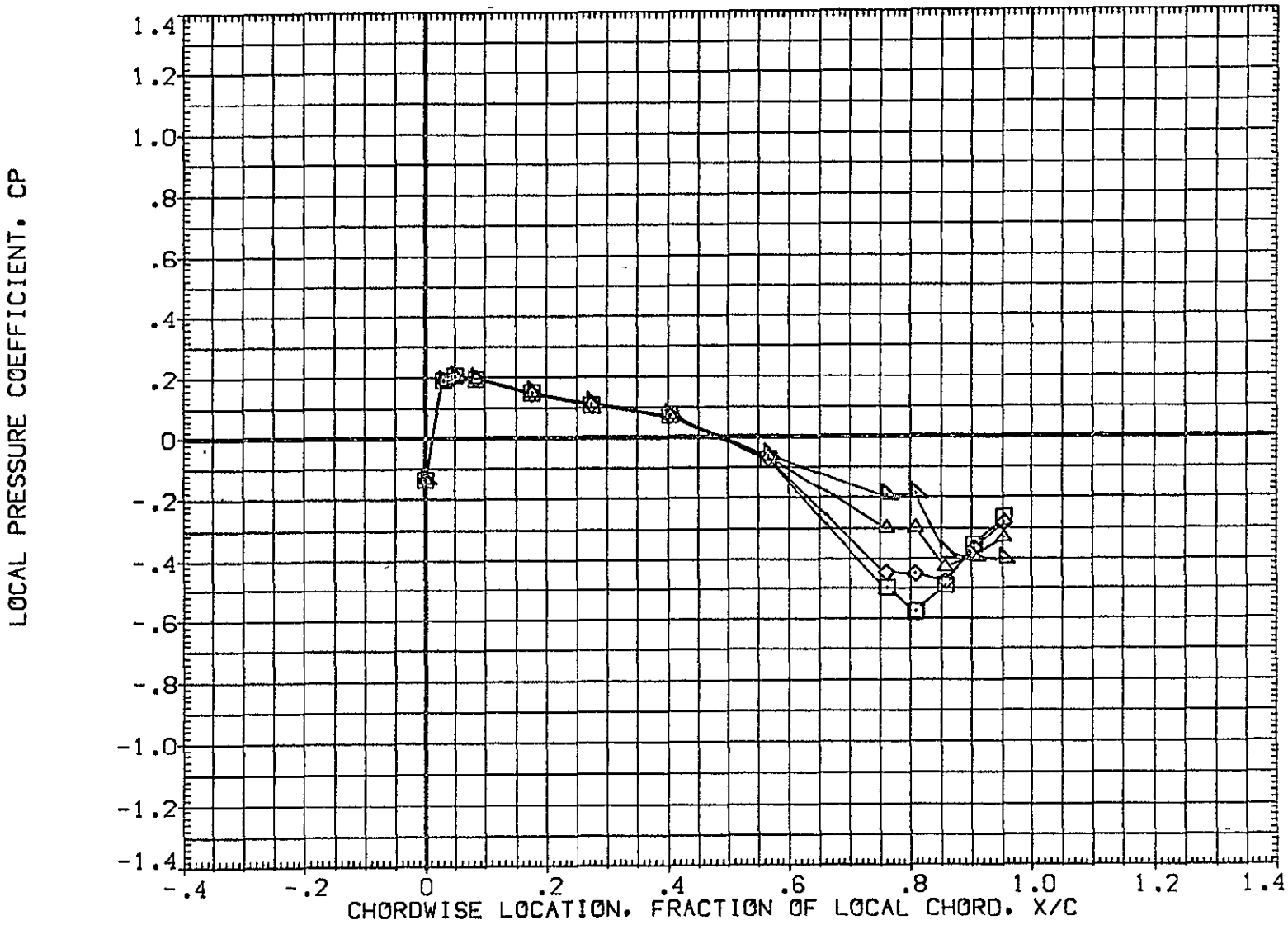

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

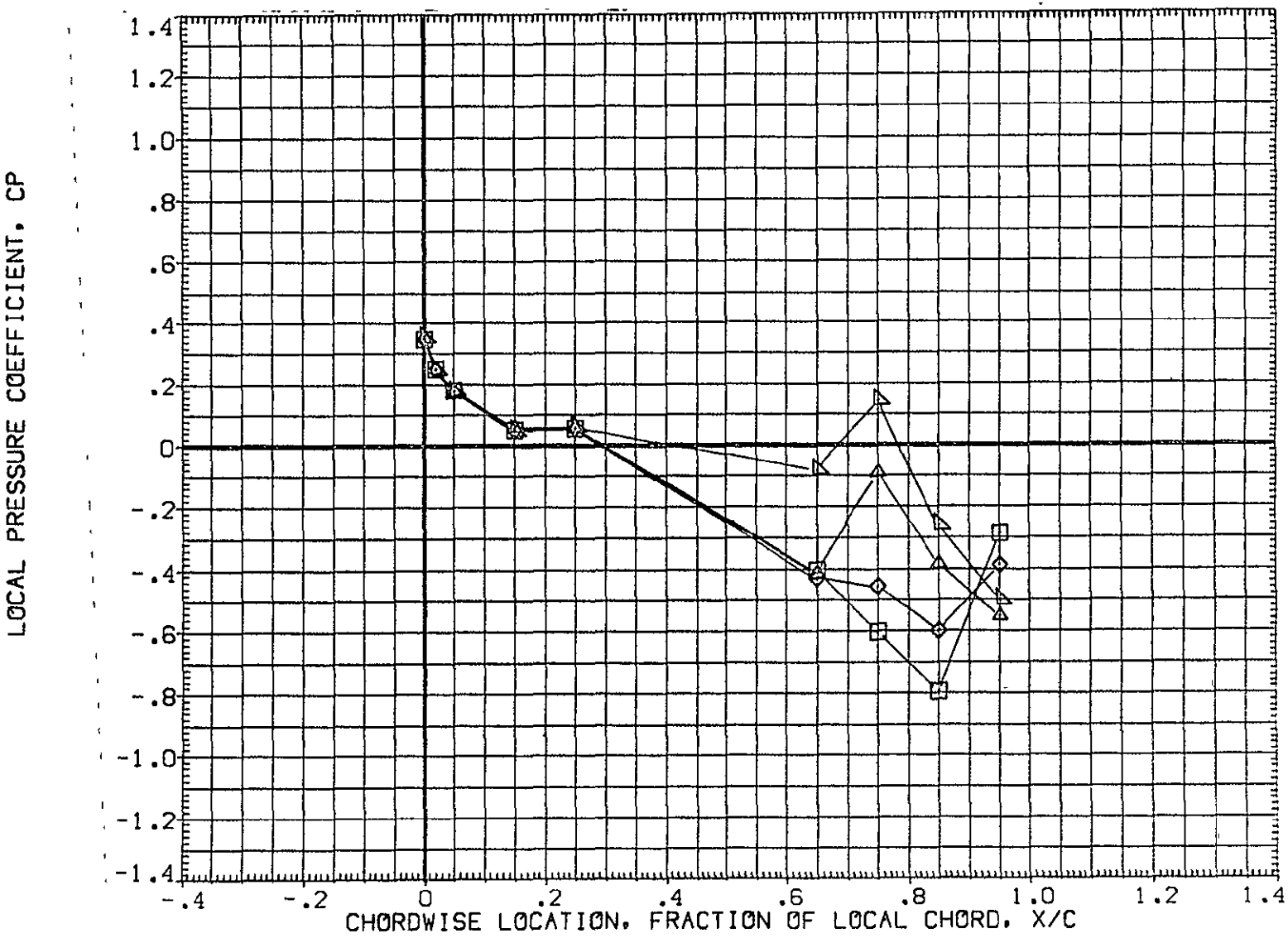

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

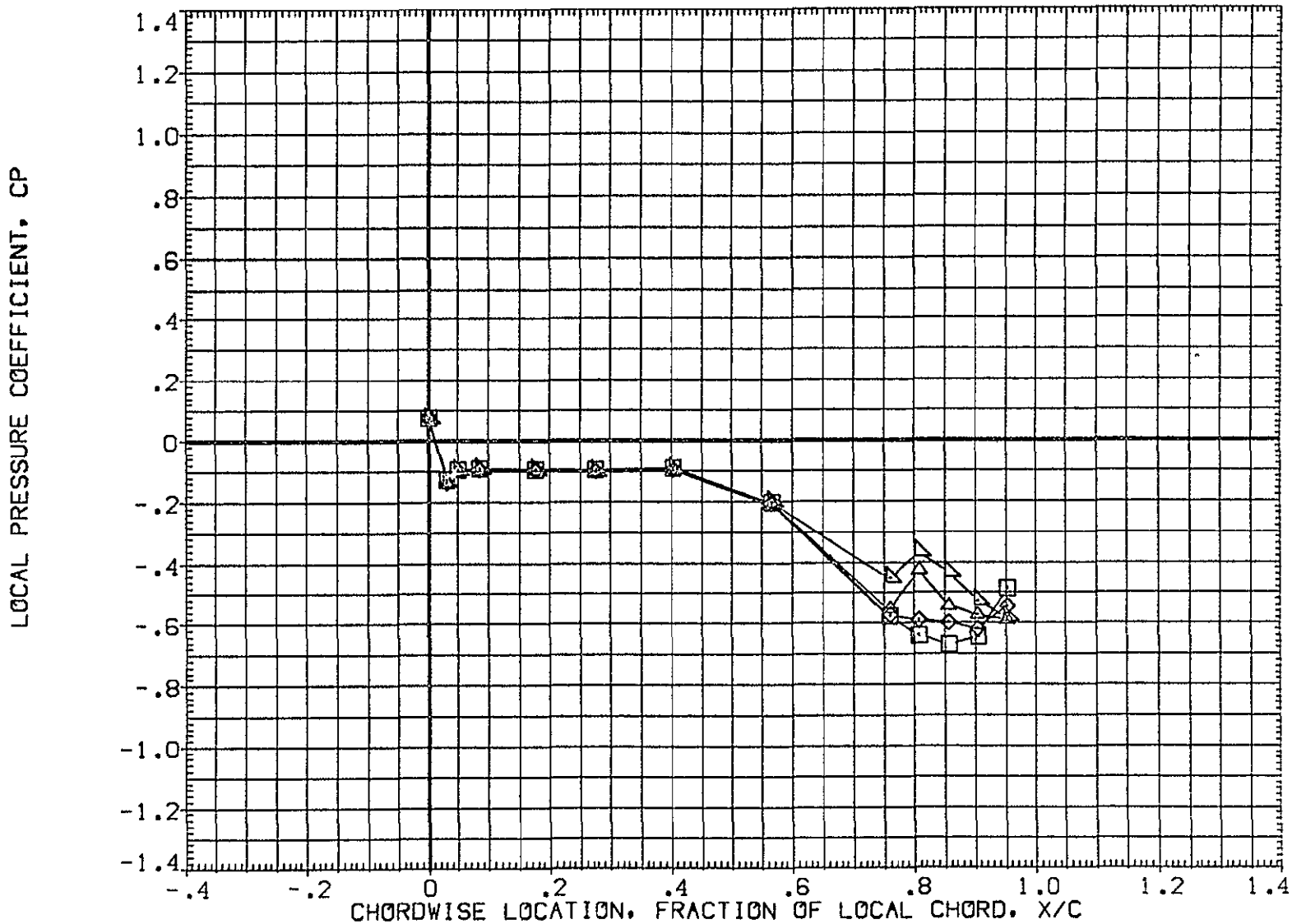

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

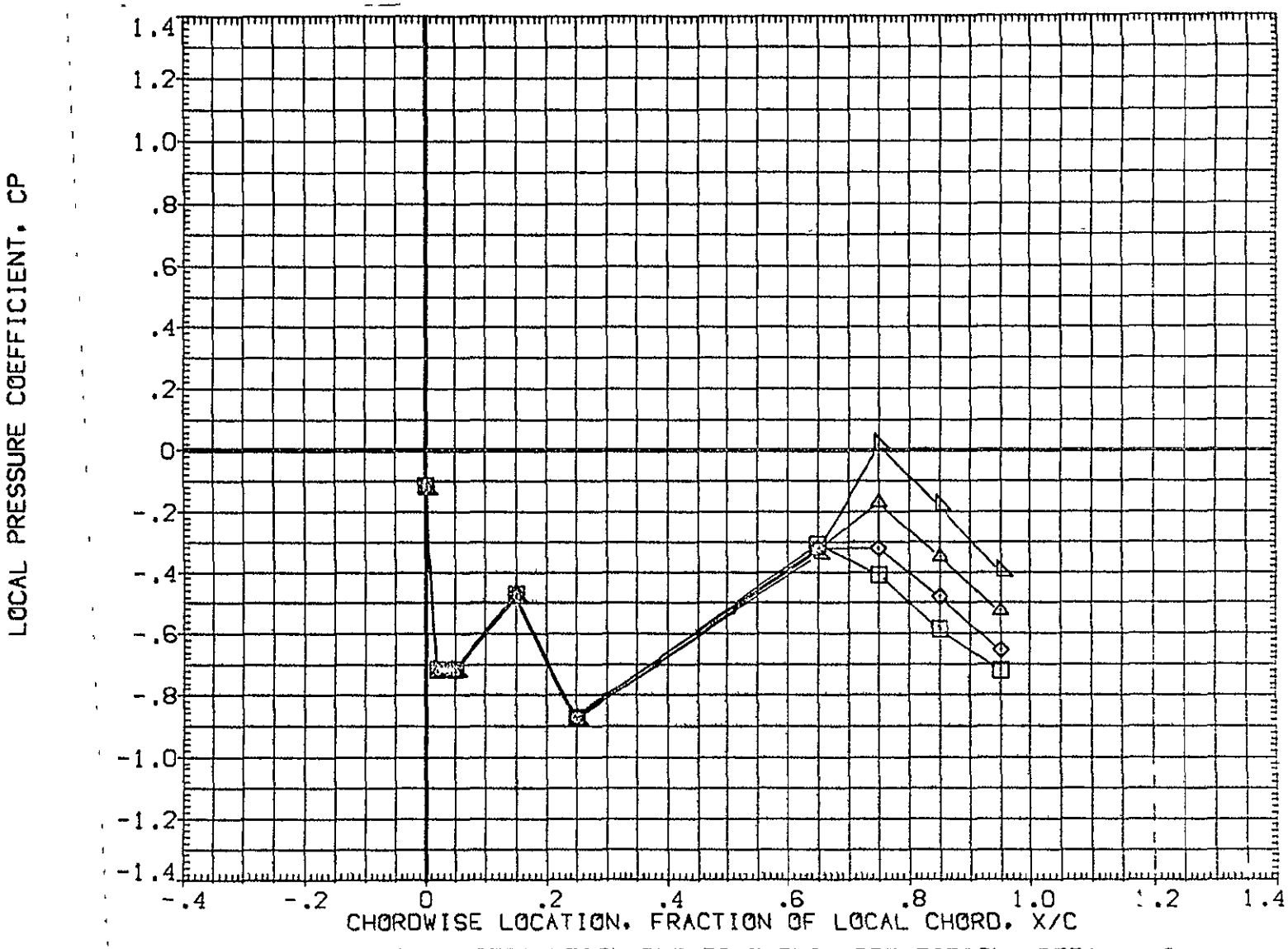

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

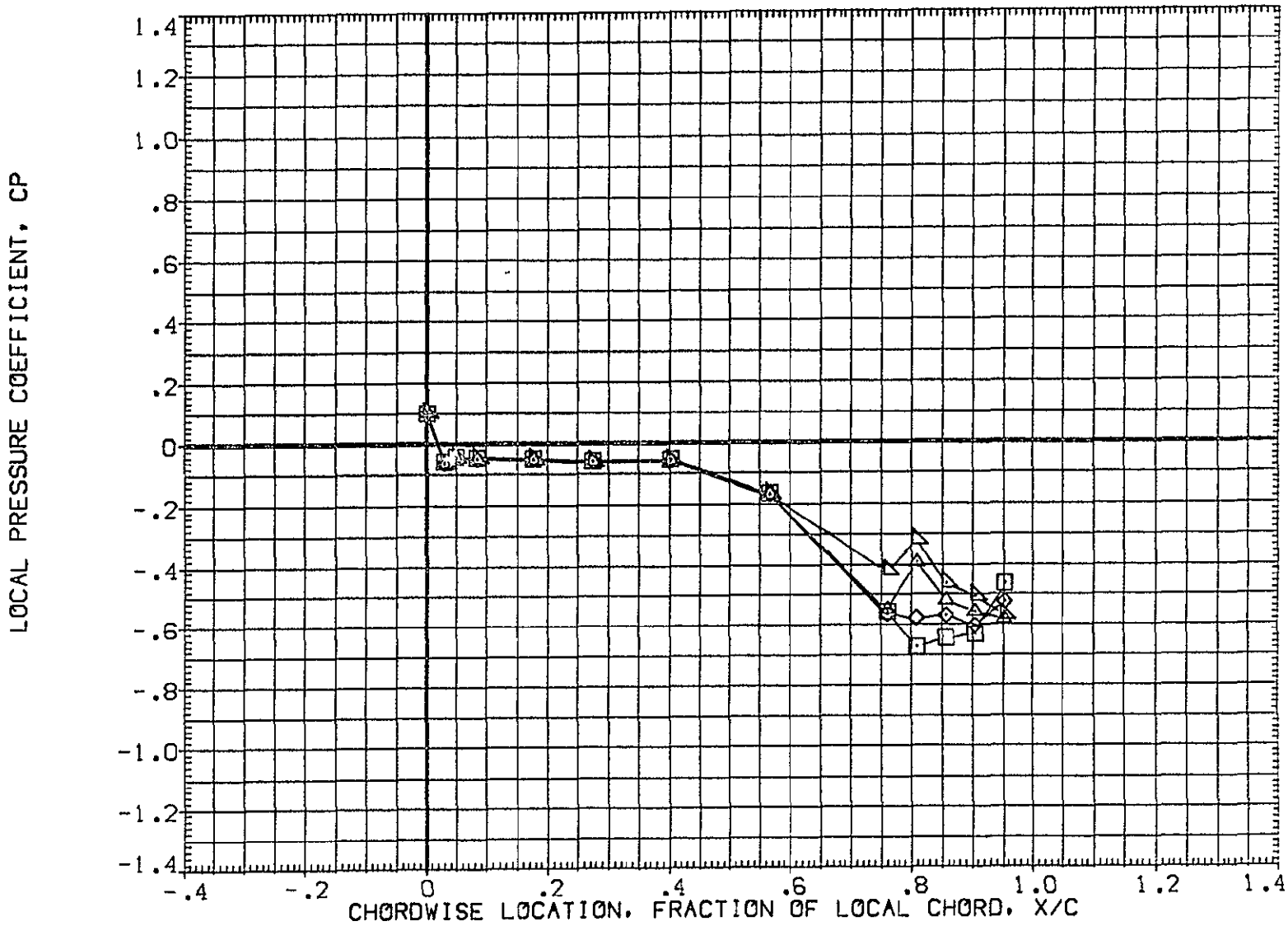

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

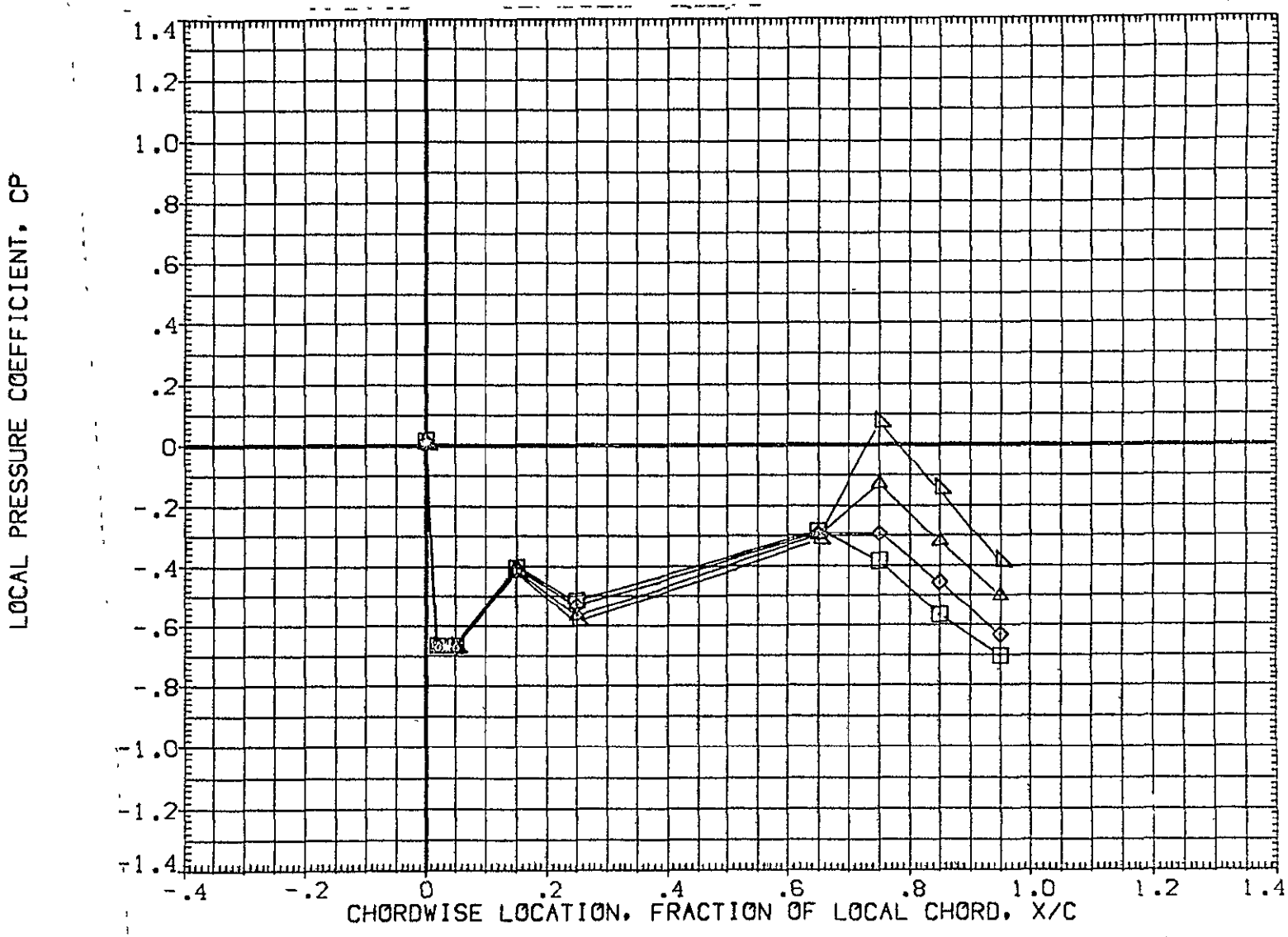

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⊠	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◿	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

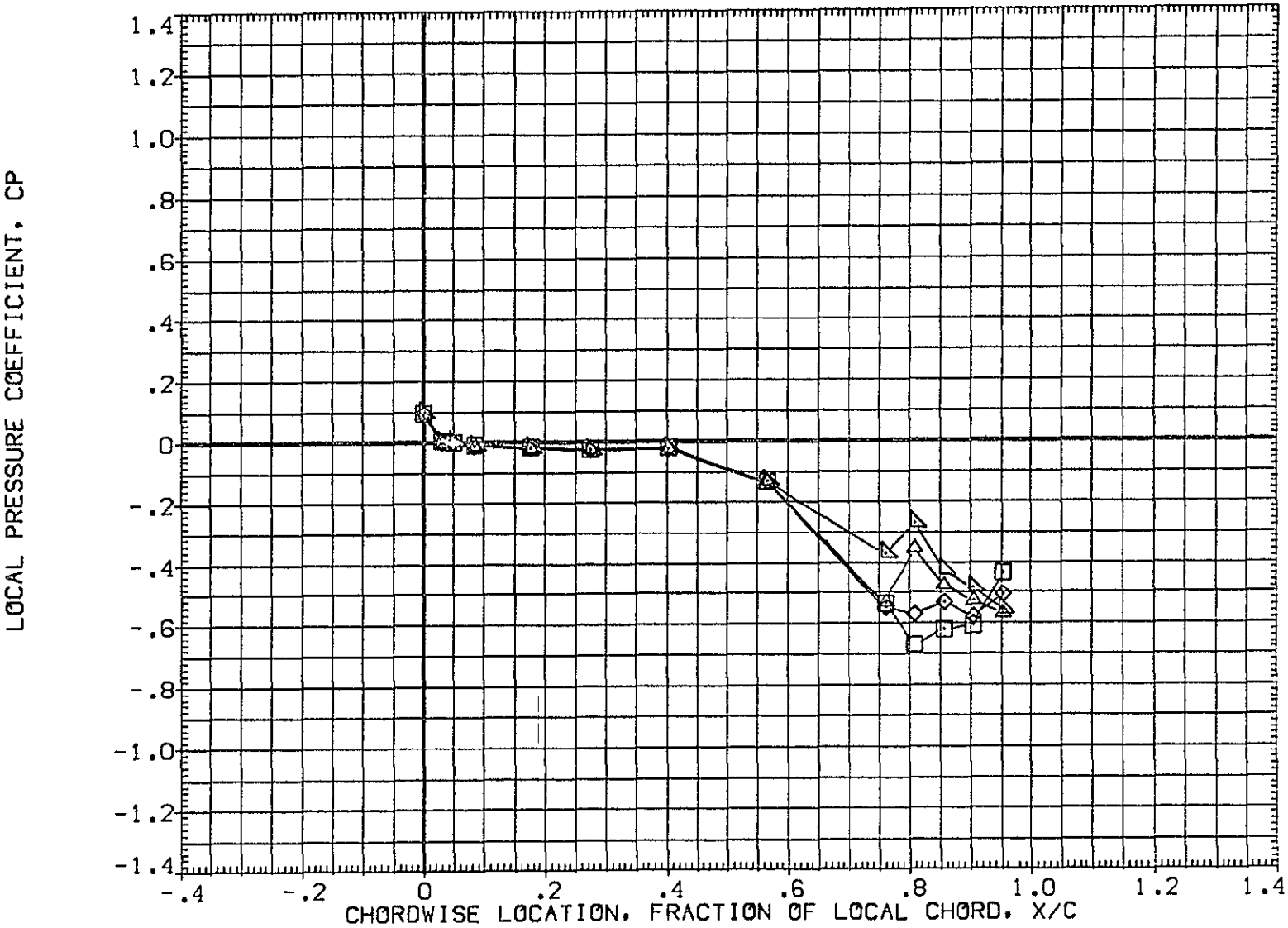

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

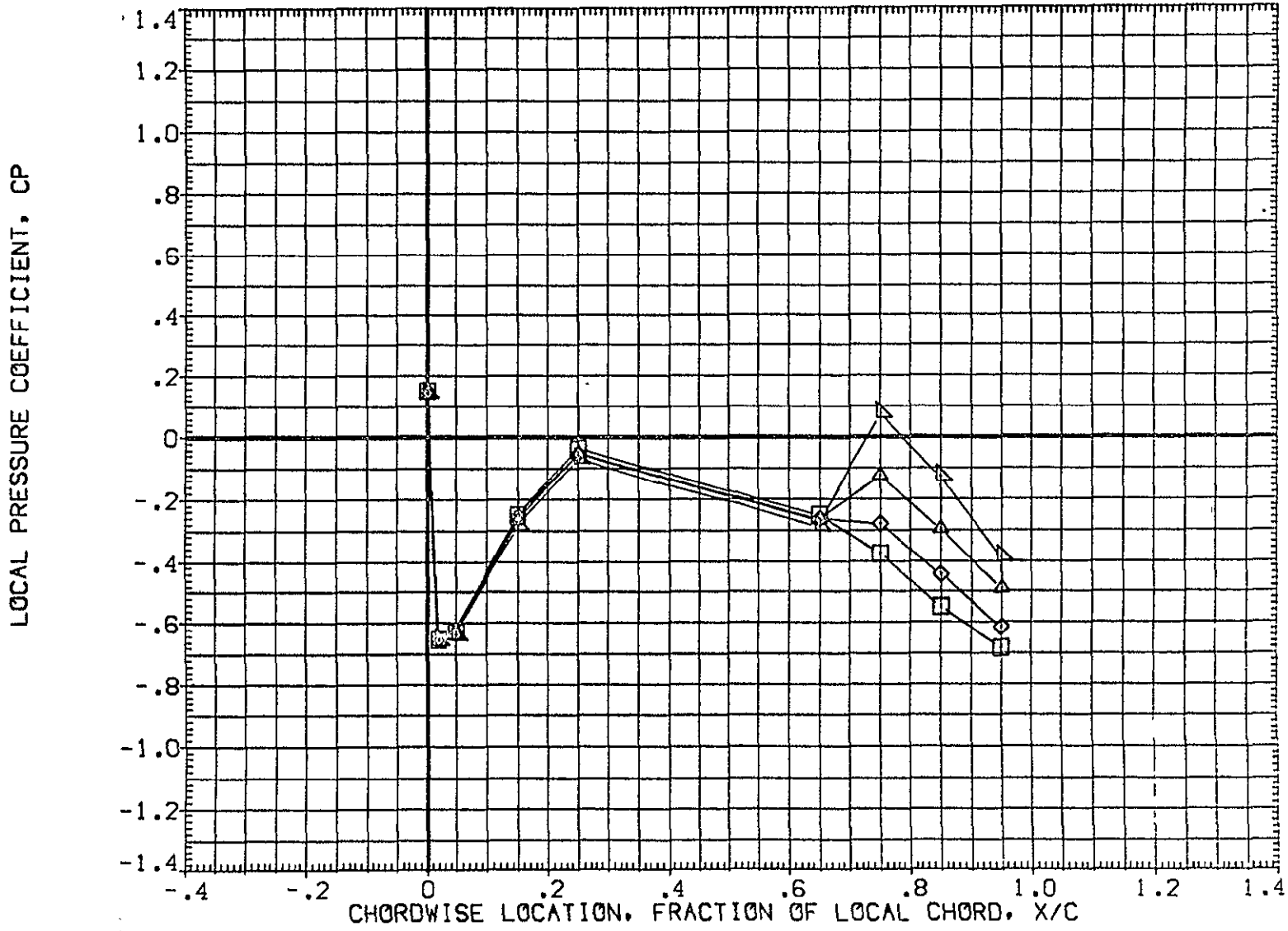

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

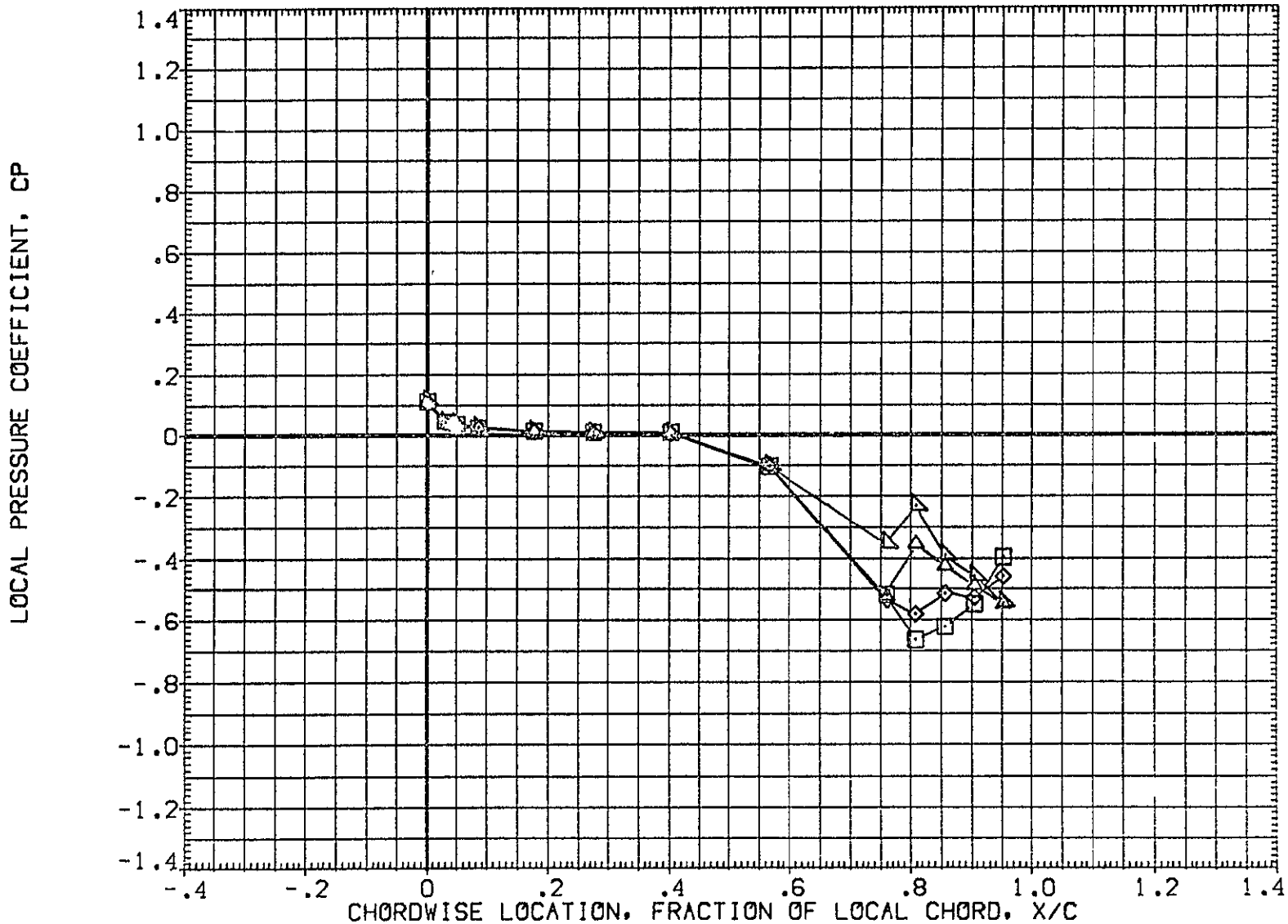

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

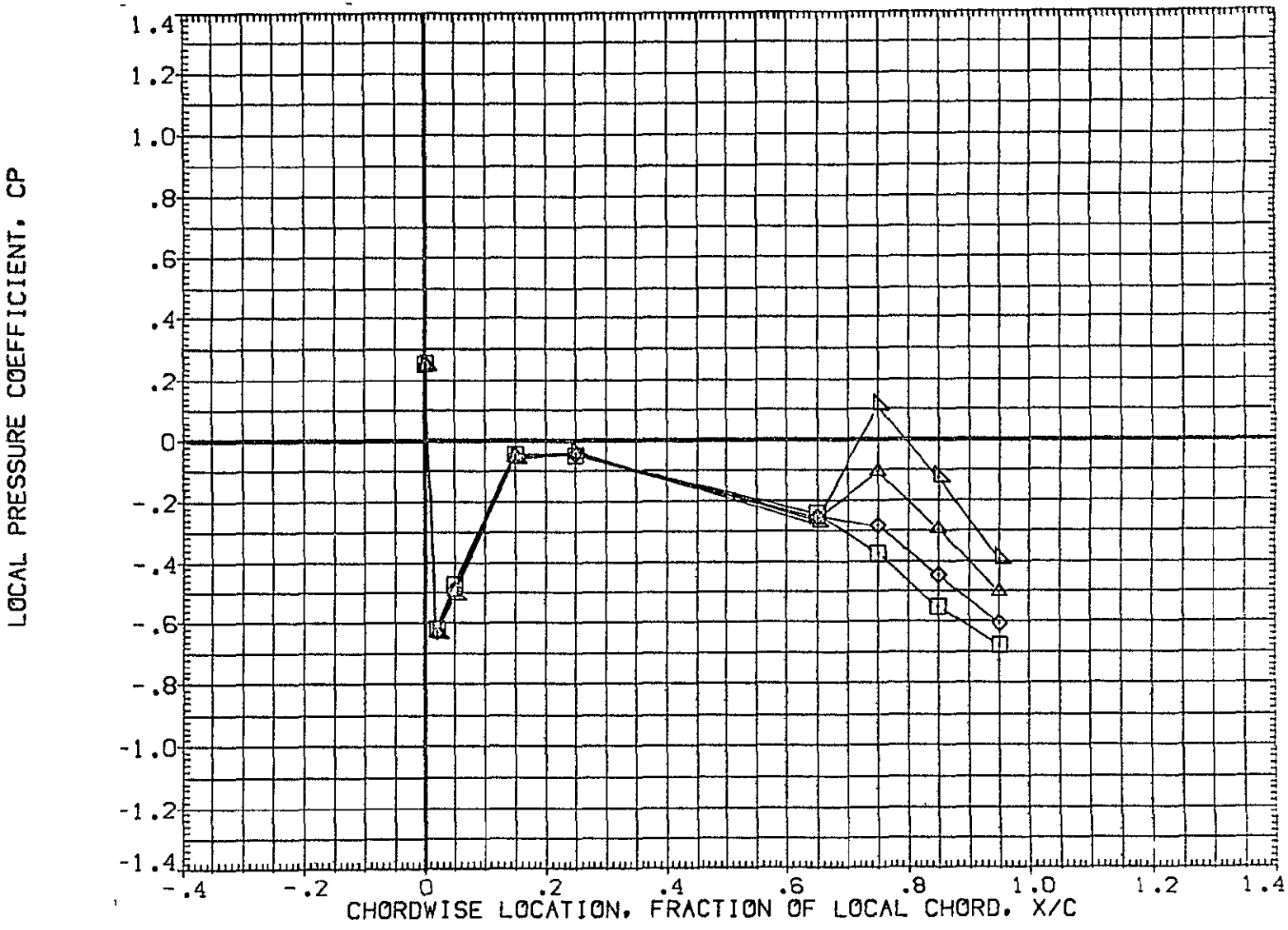

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

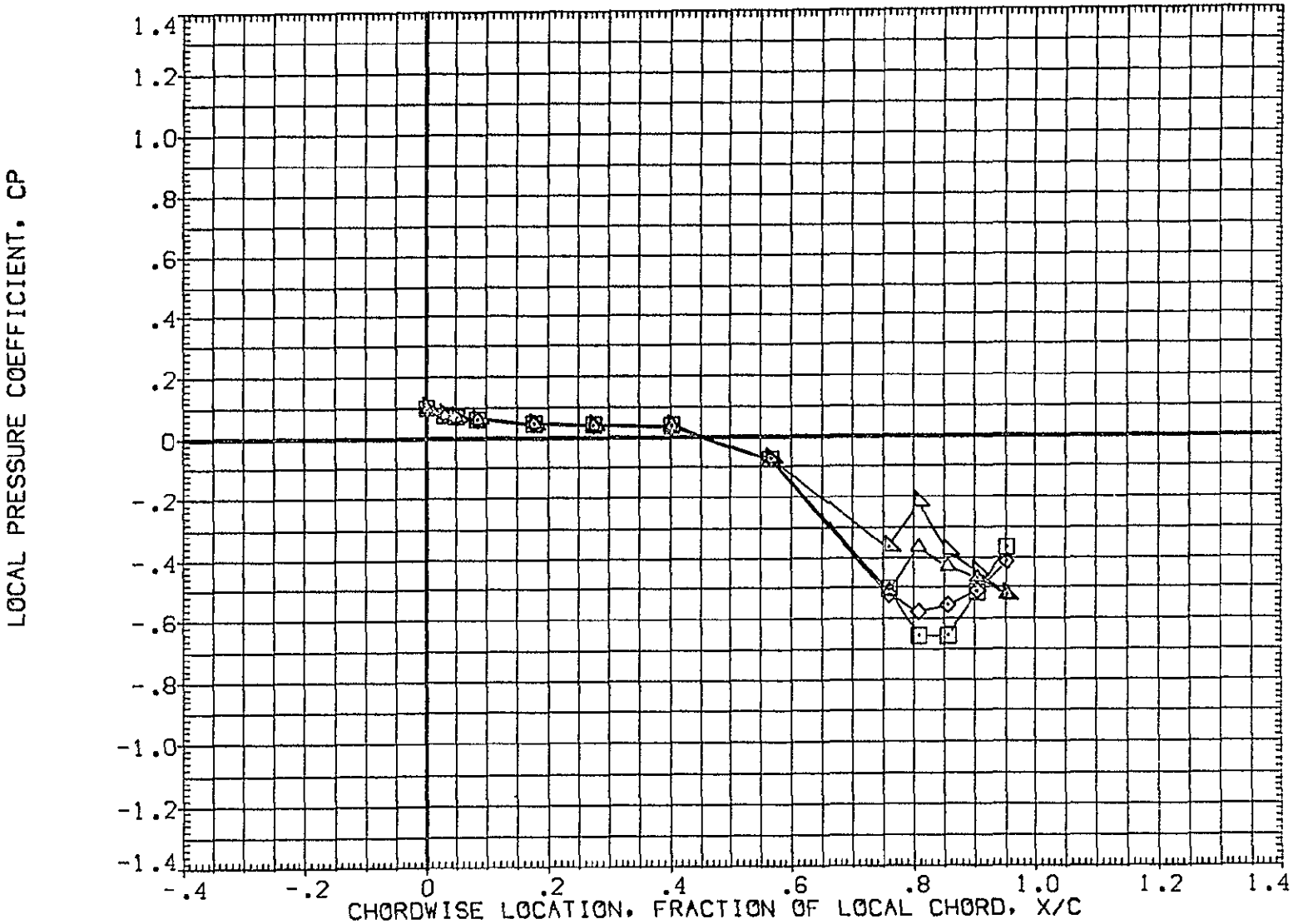

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	⋈	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

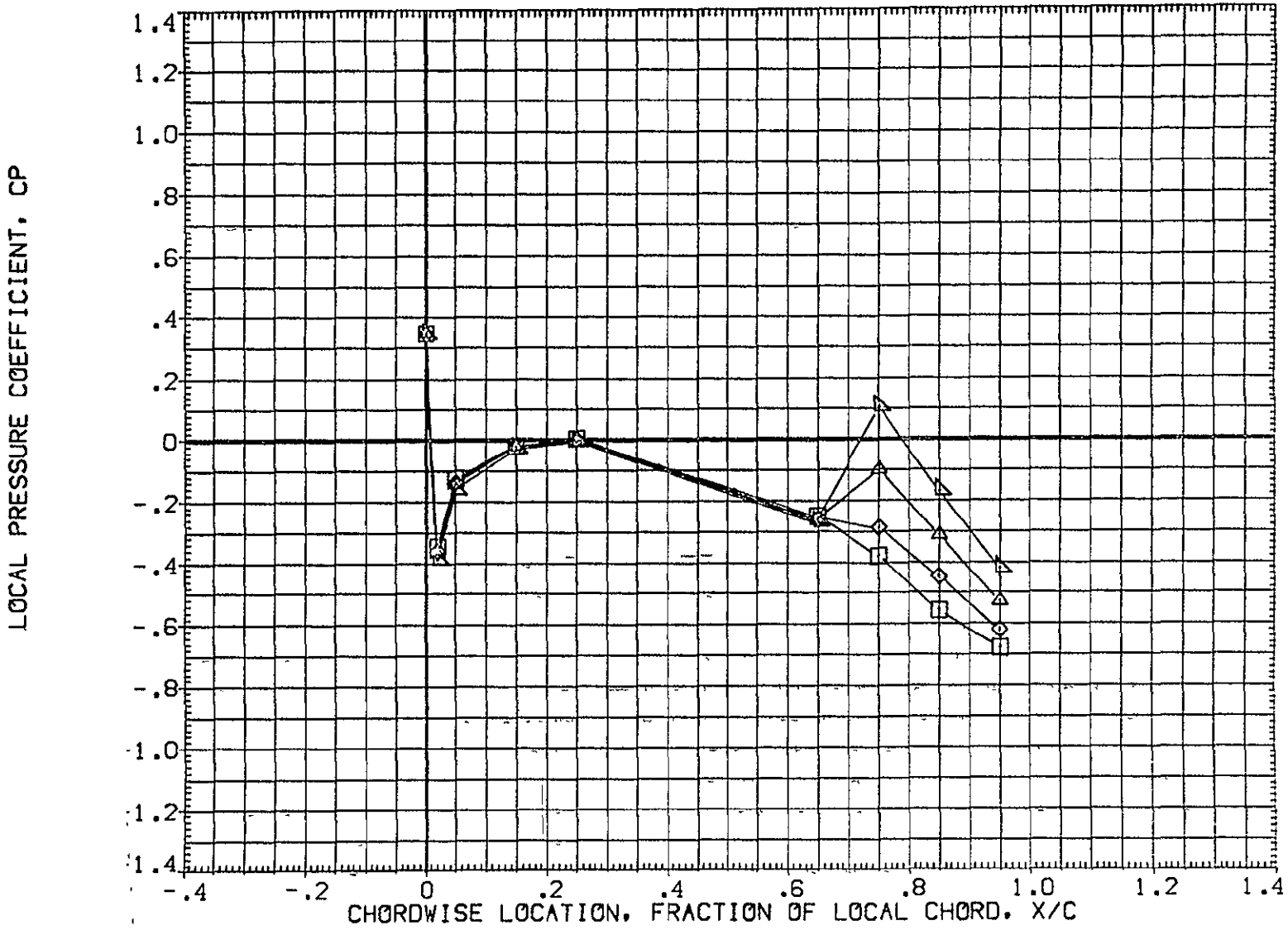

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

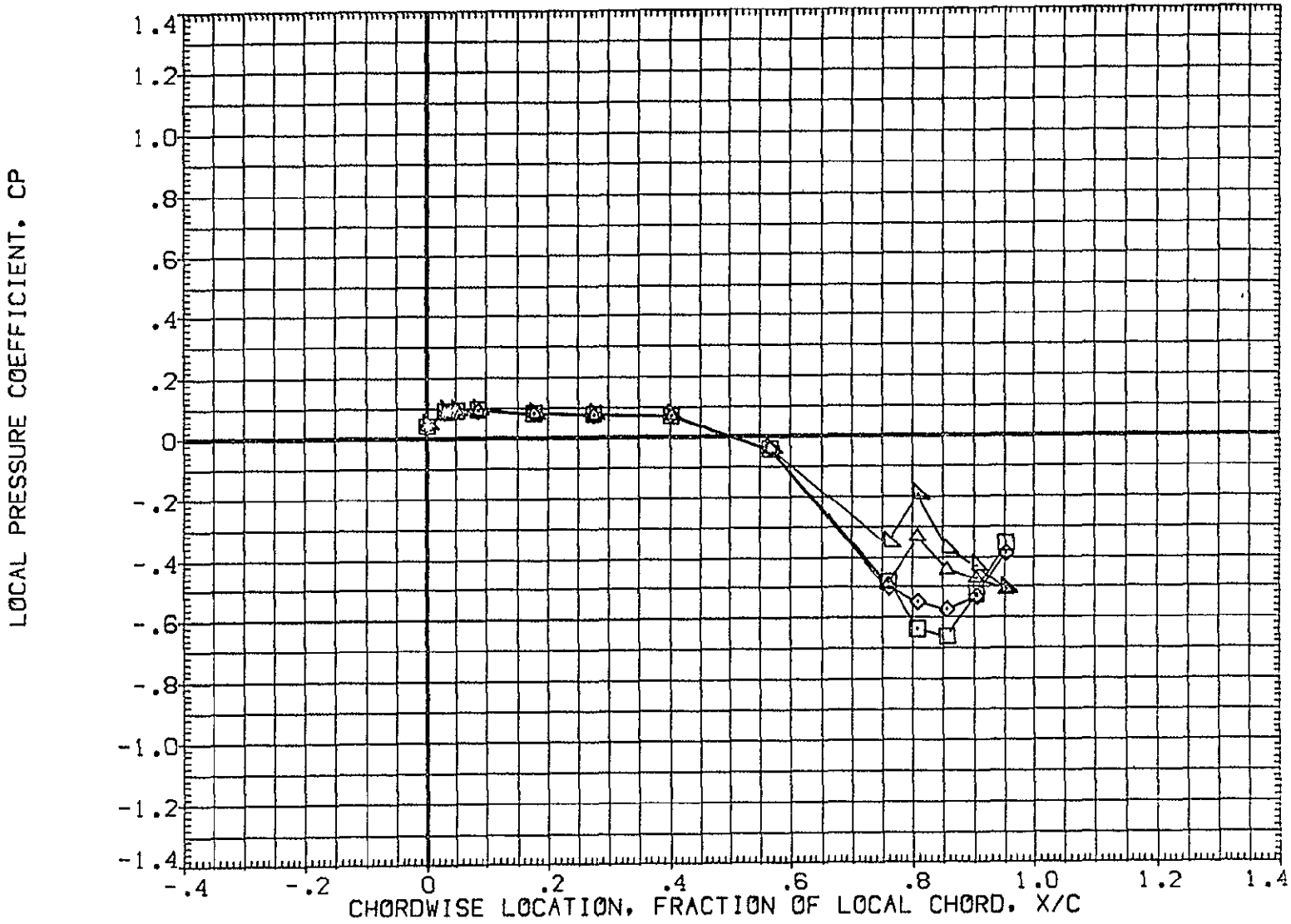

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12.S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

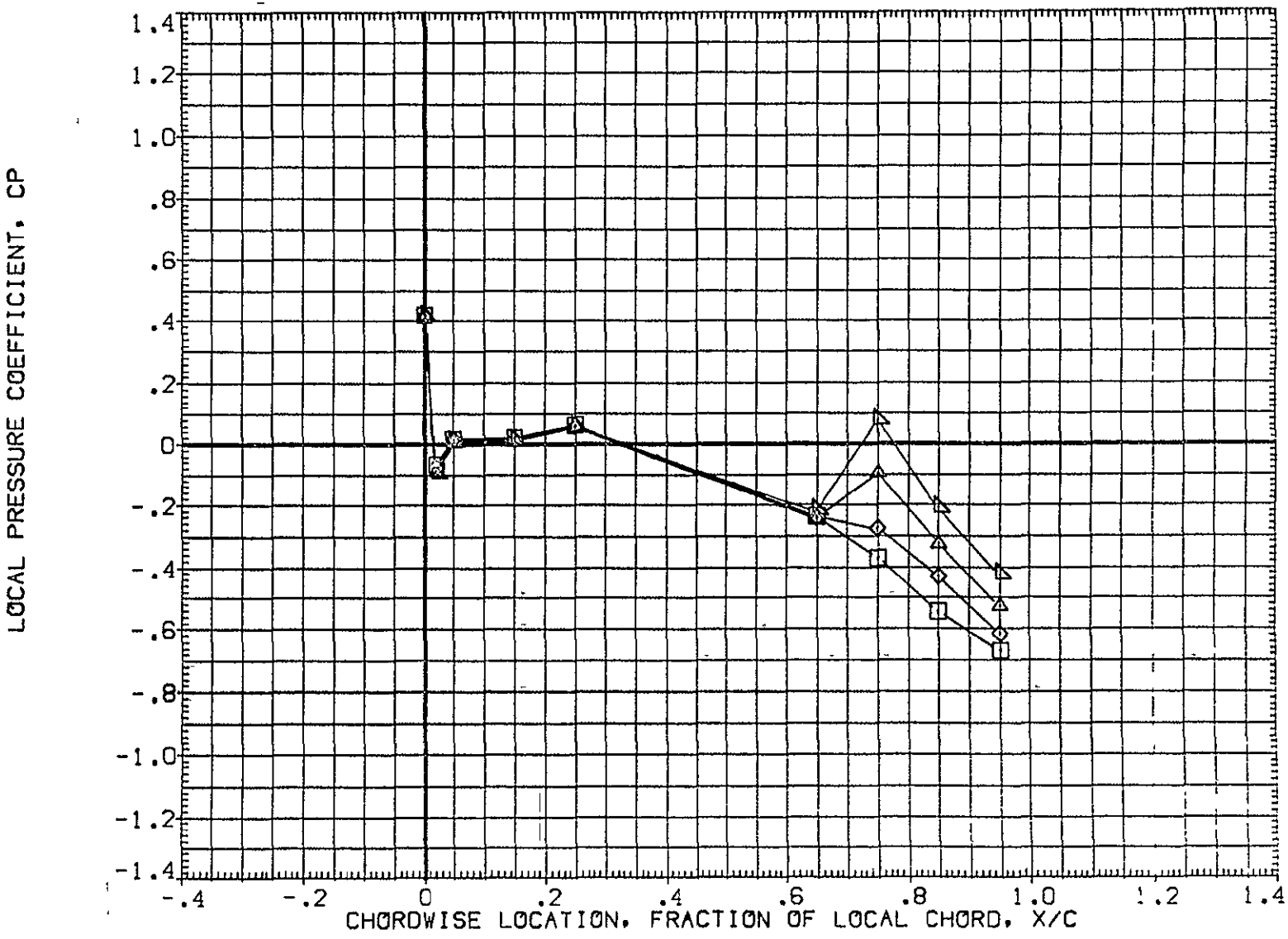

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

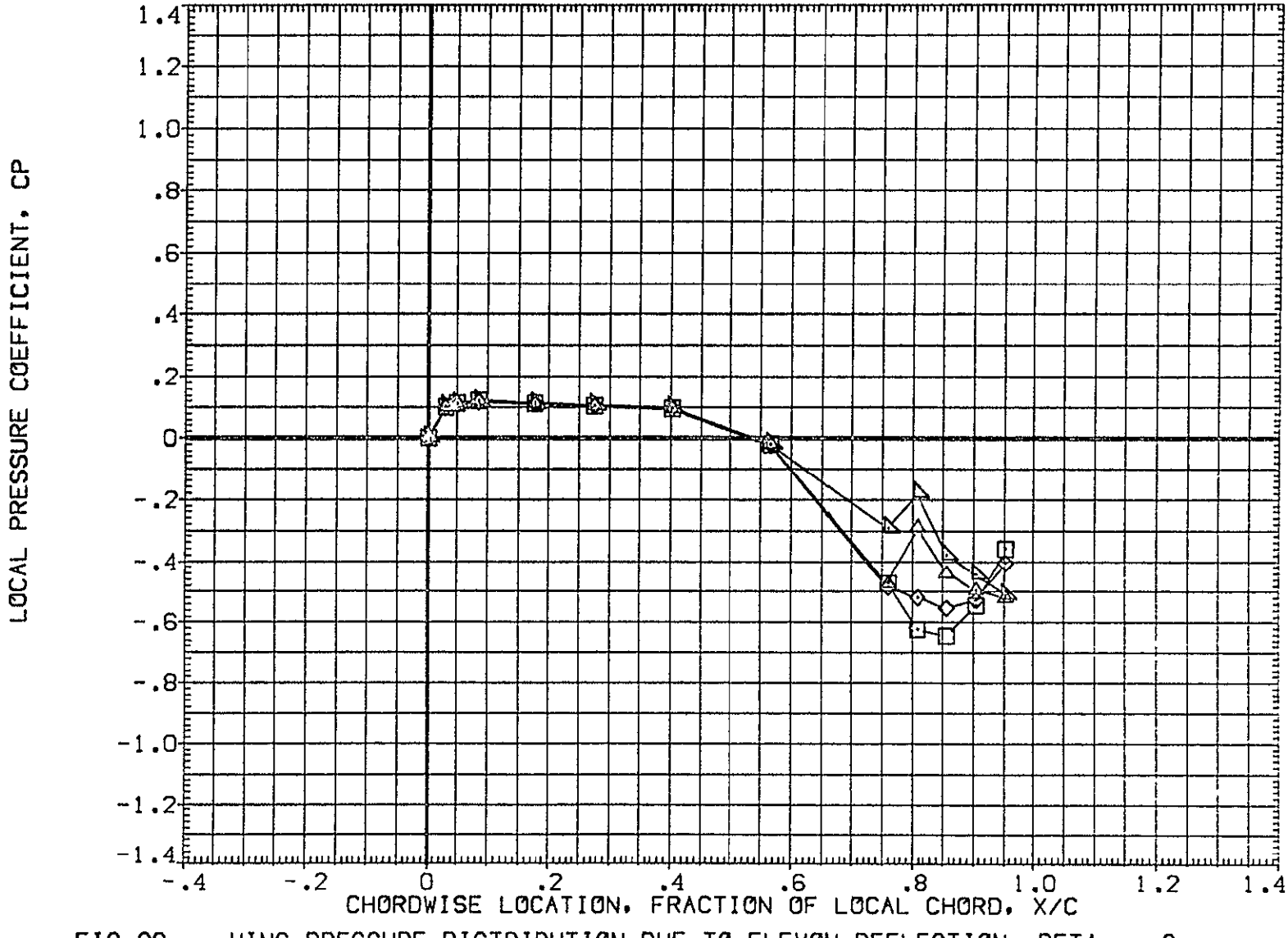

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

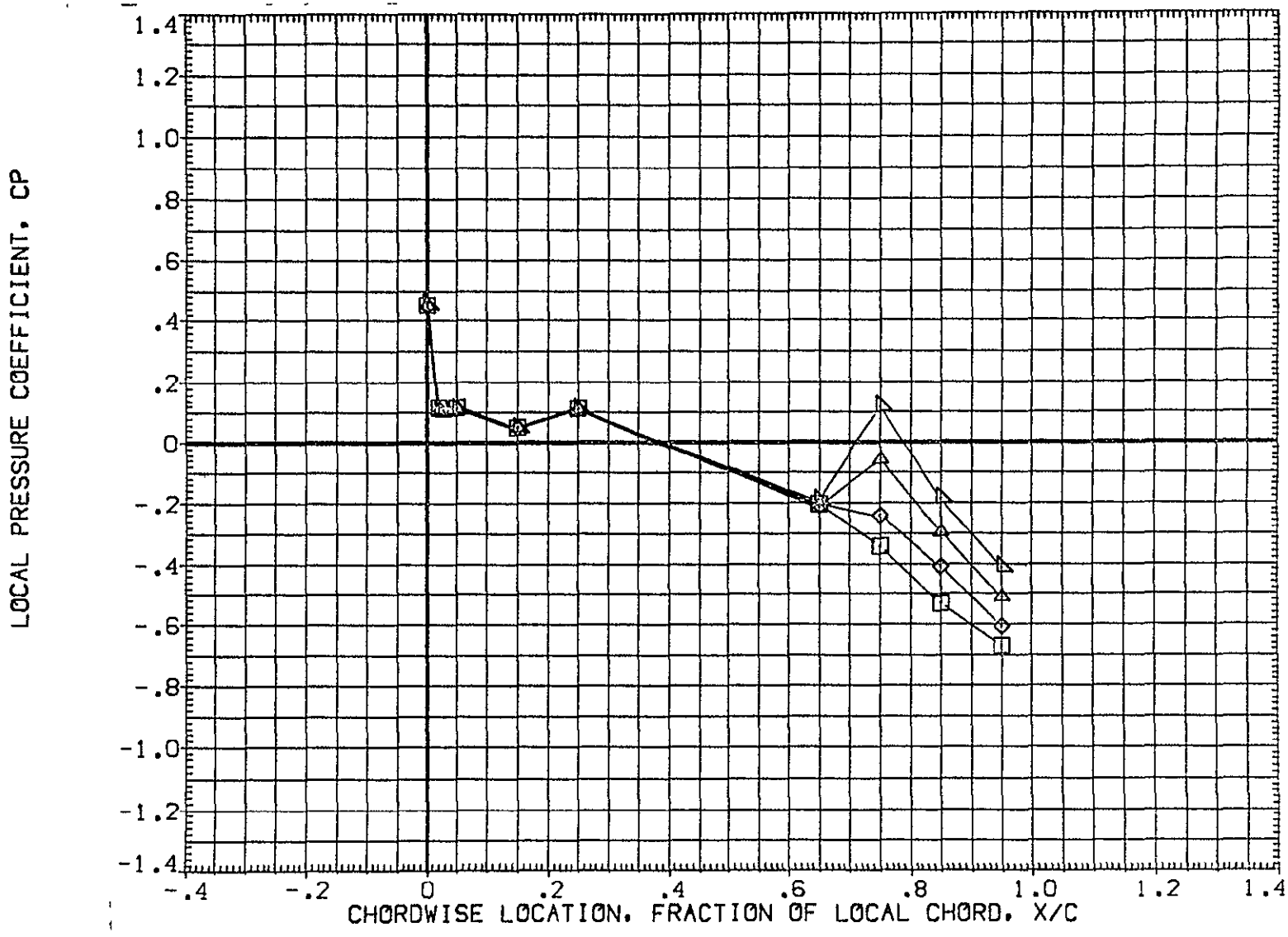

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

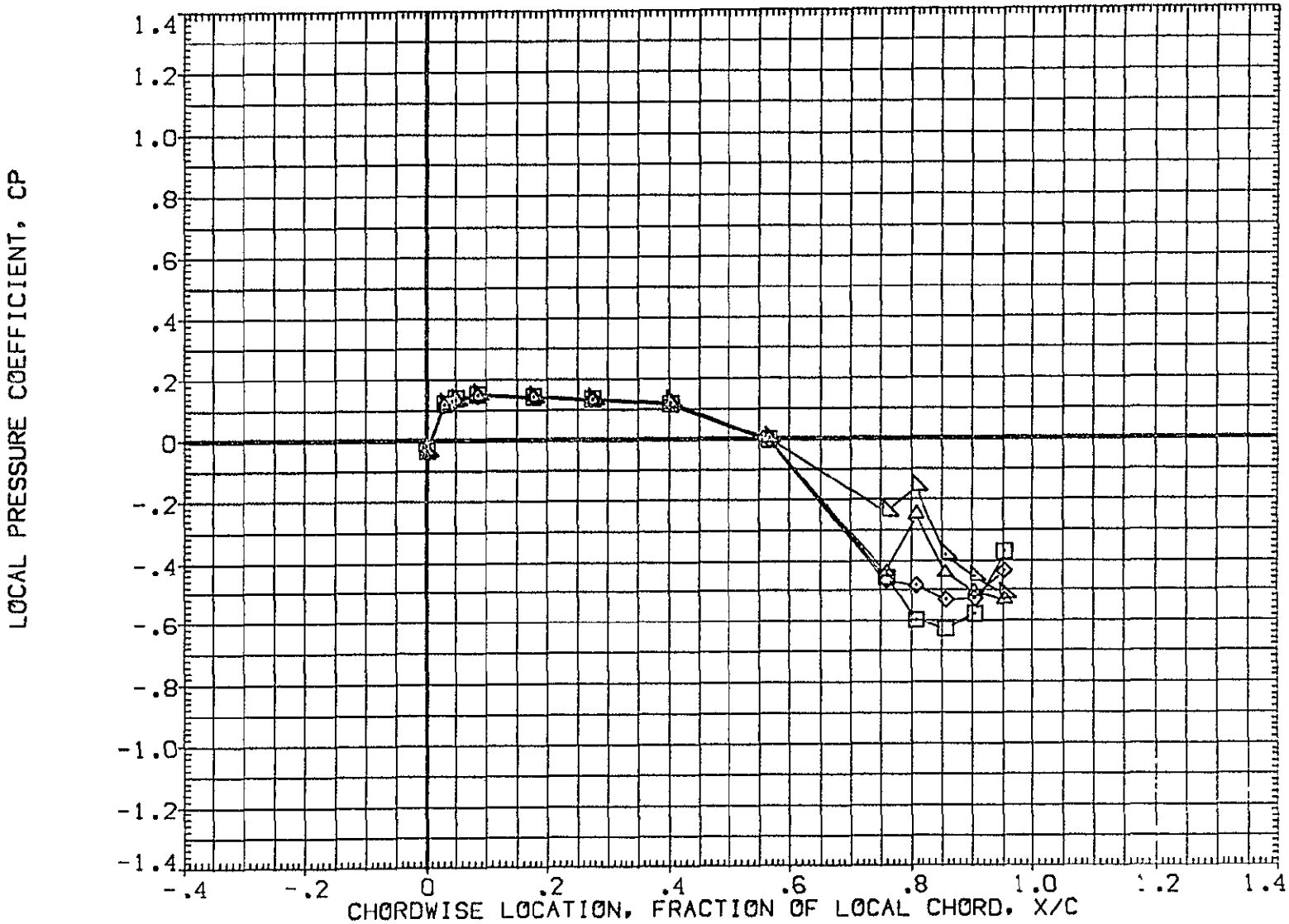

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		1A70 C1 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		1A70 C1 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		1A70 C1 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		1A70 C1 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

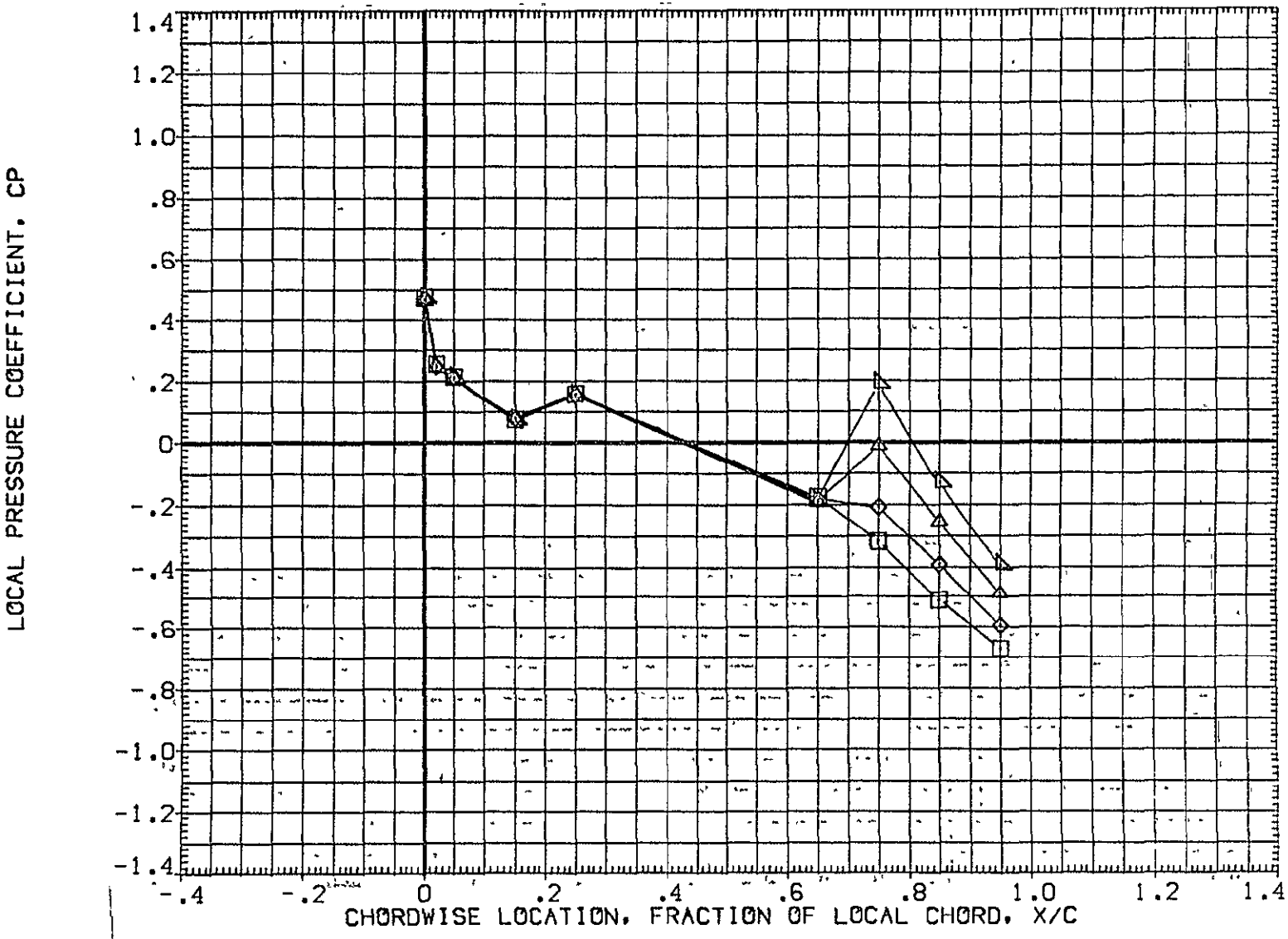

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

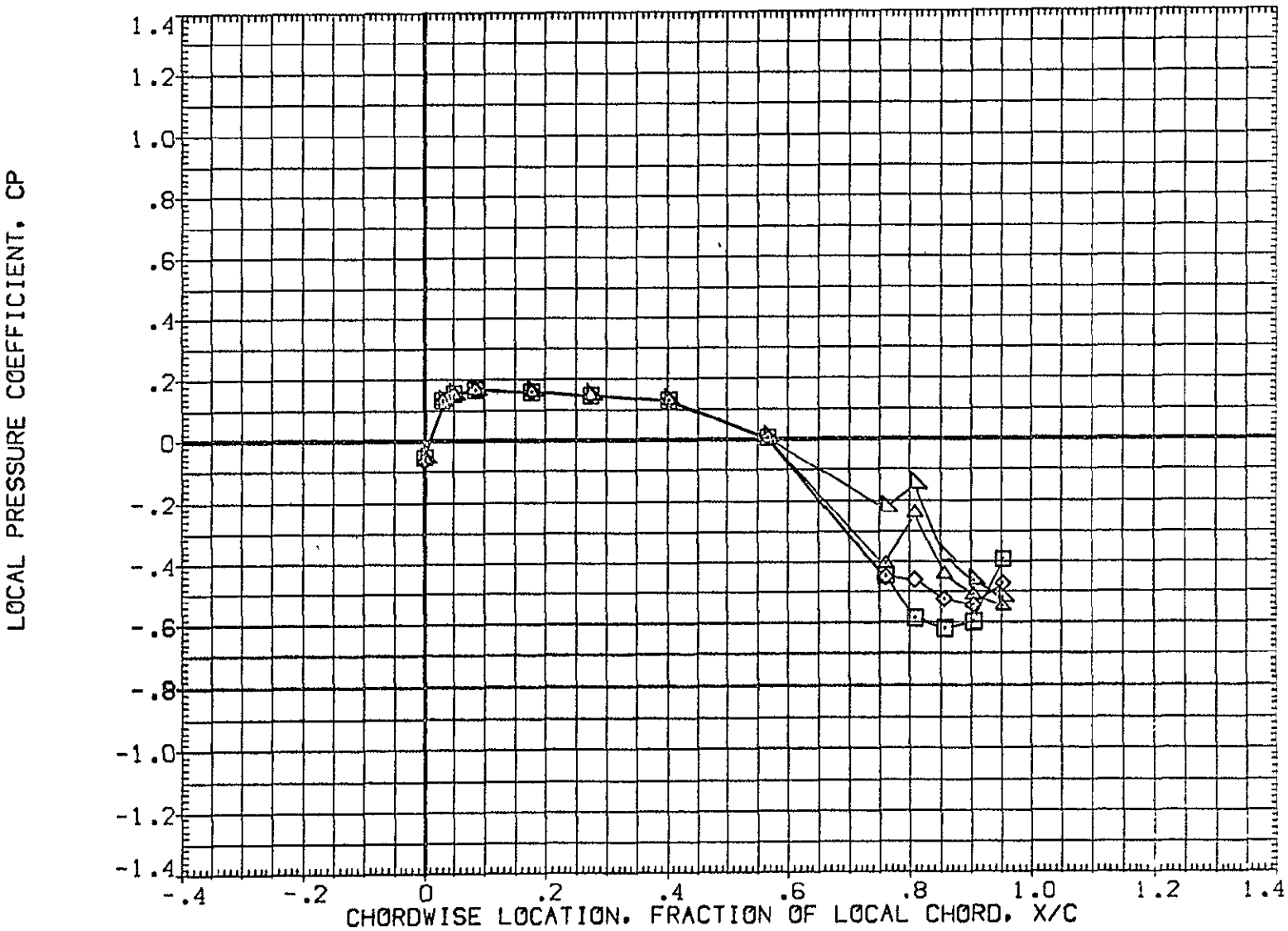

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

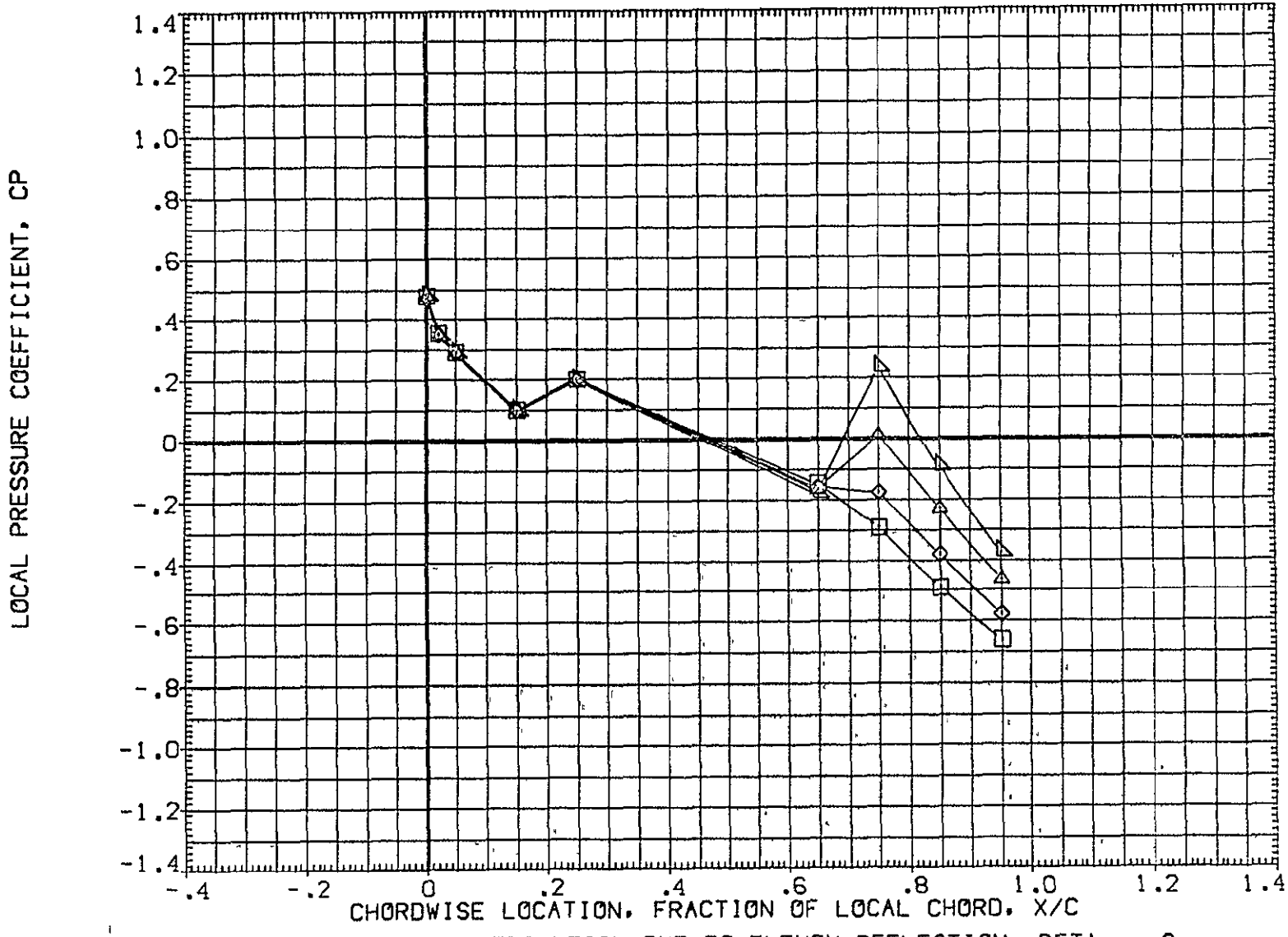

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

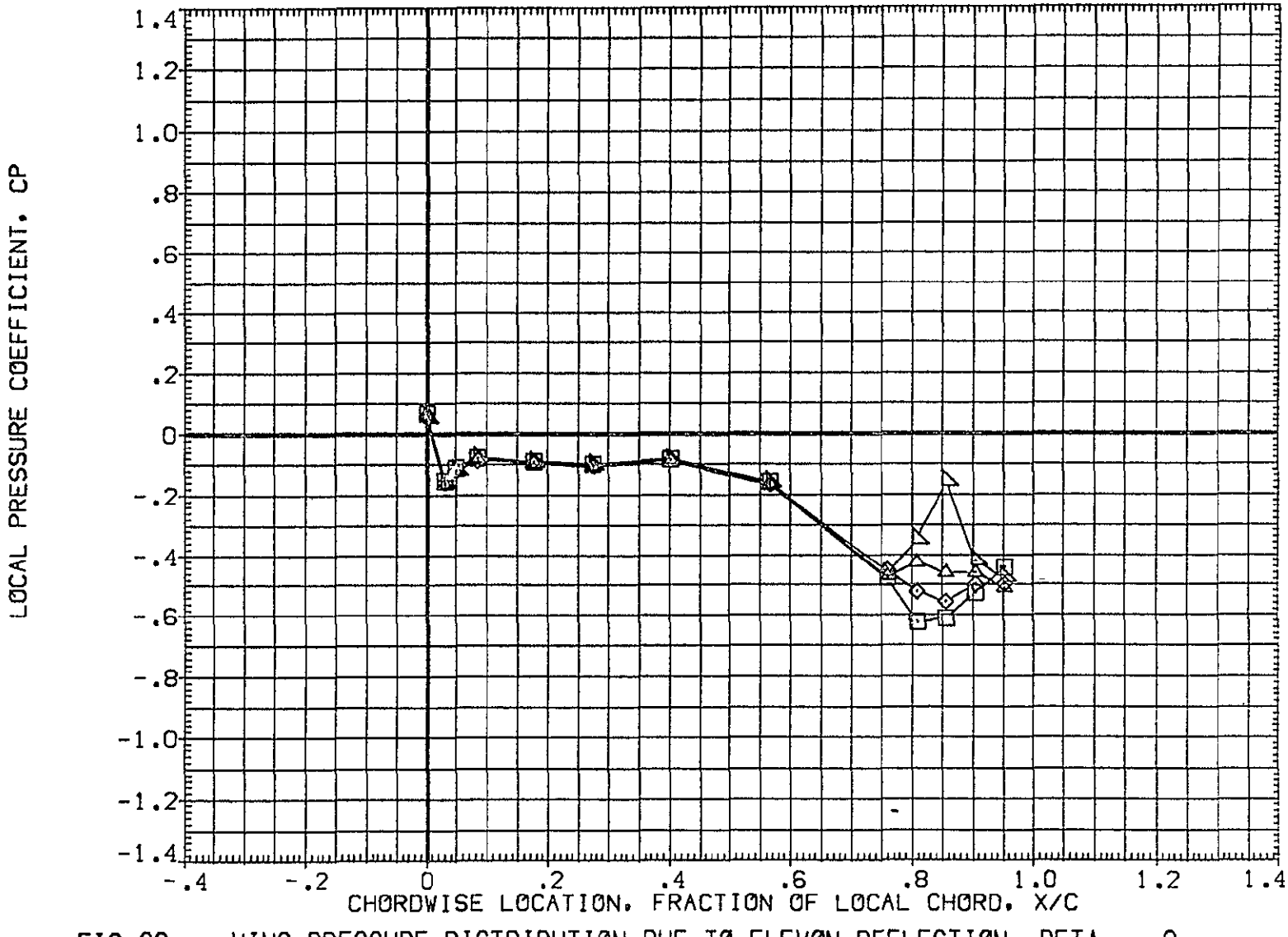

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

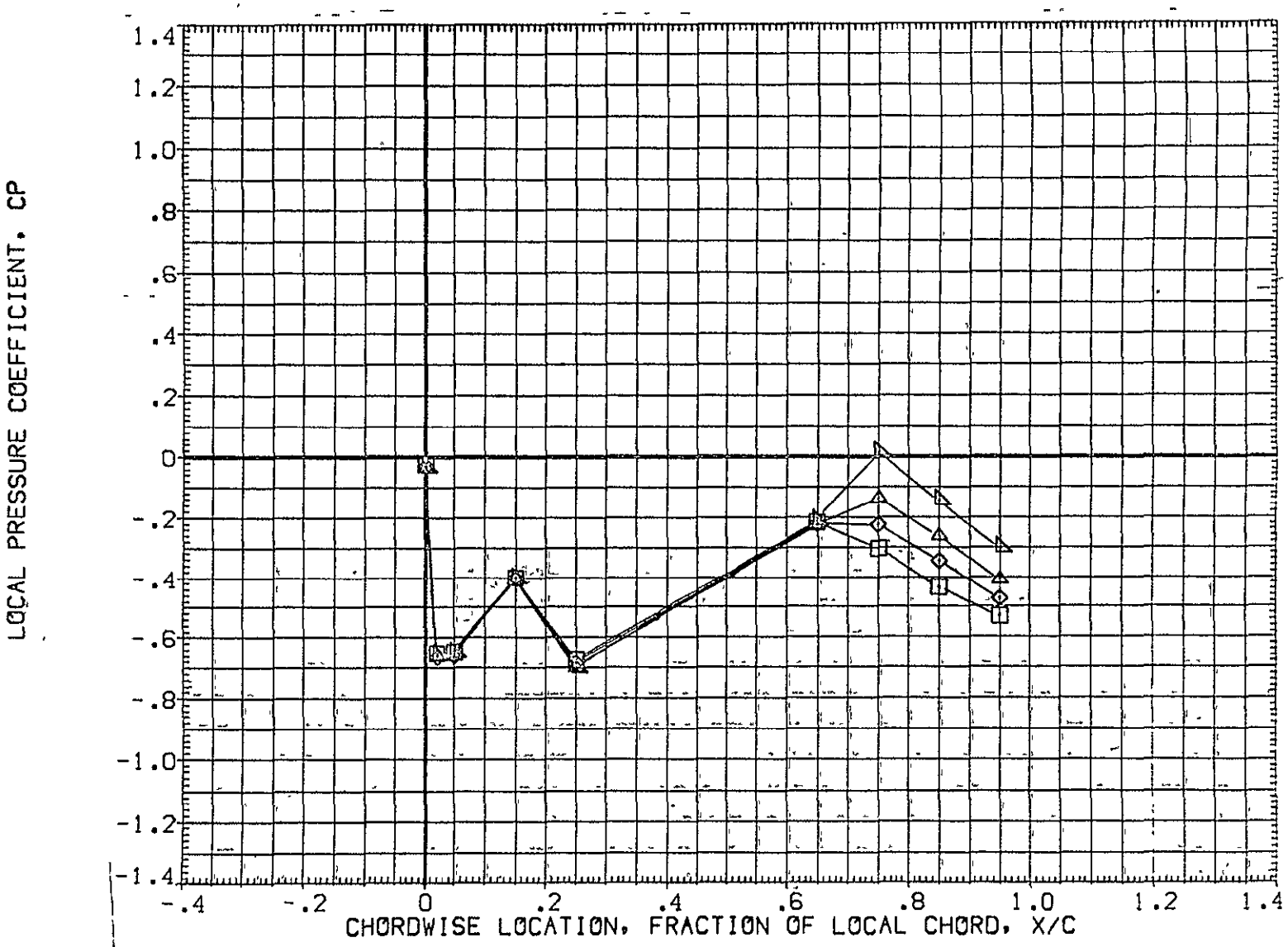

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

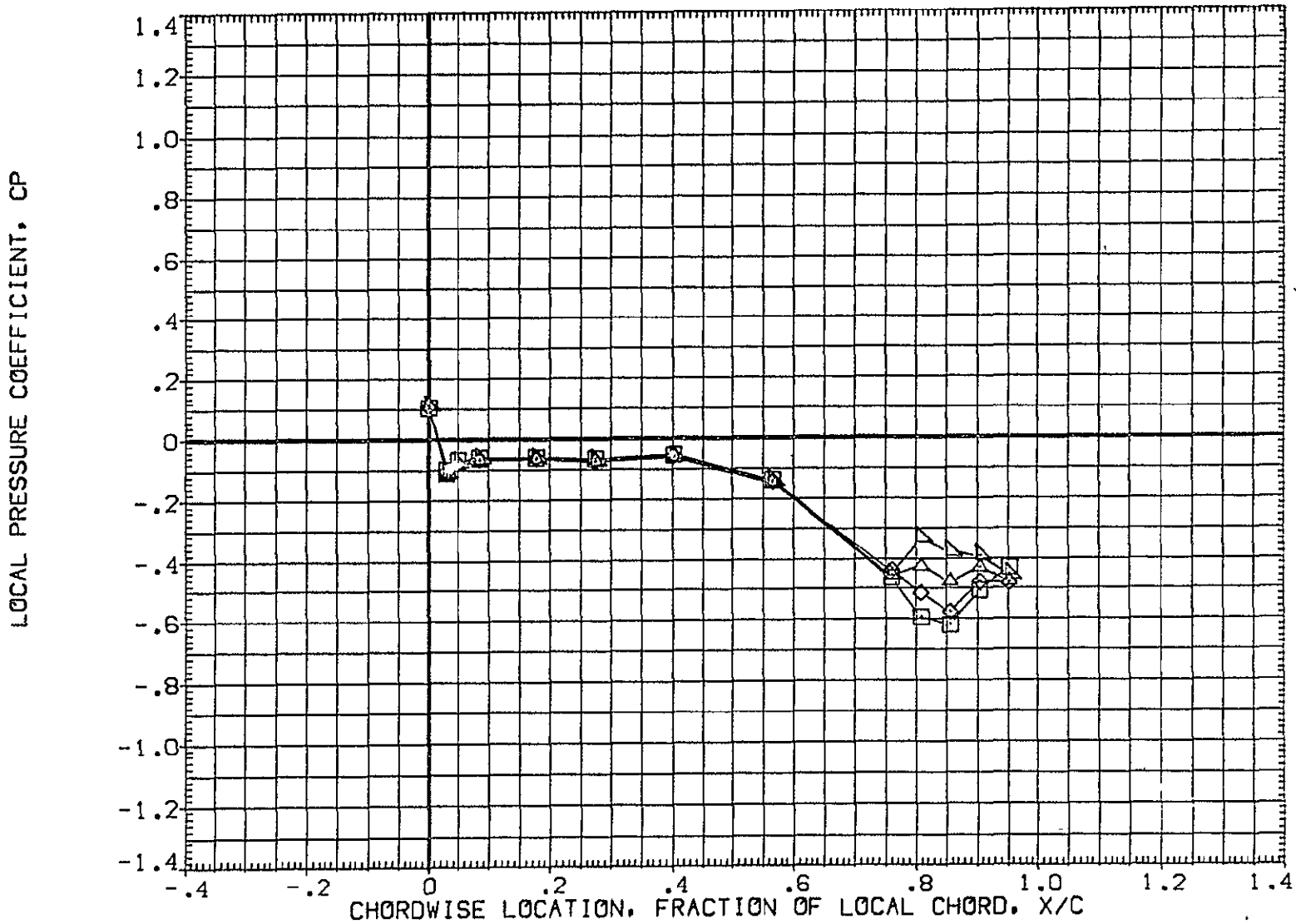

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

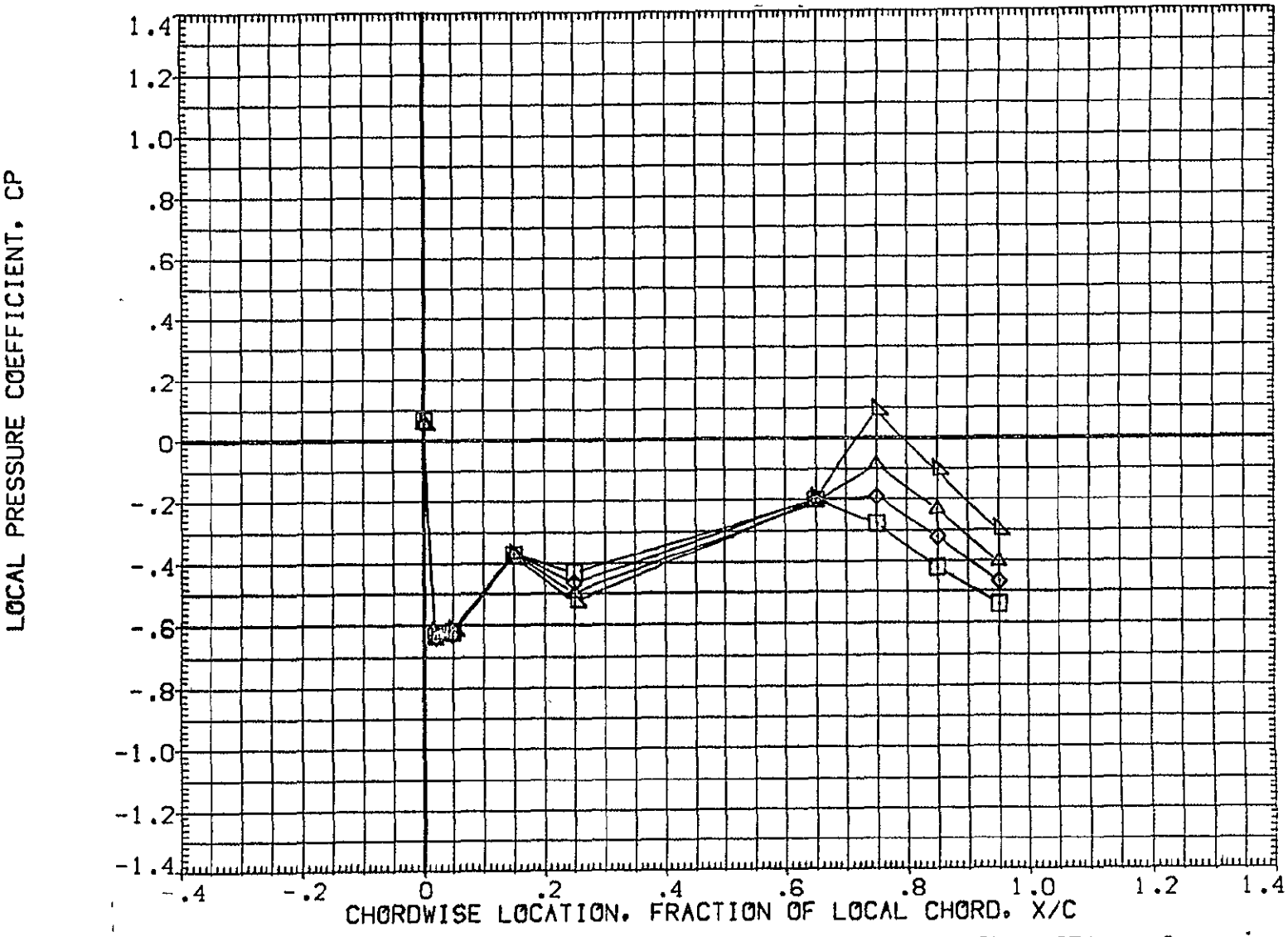

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	×4	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

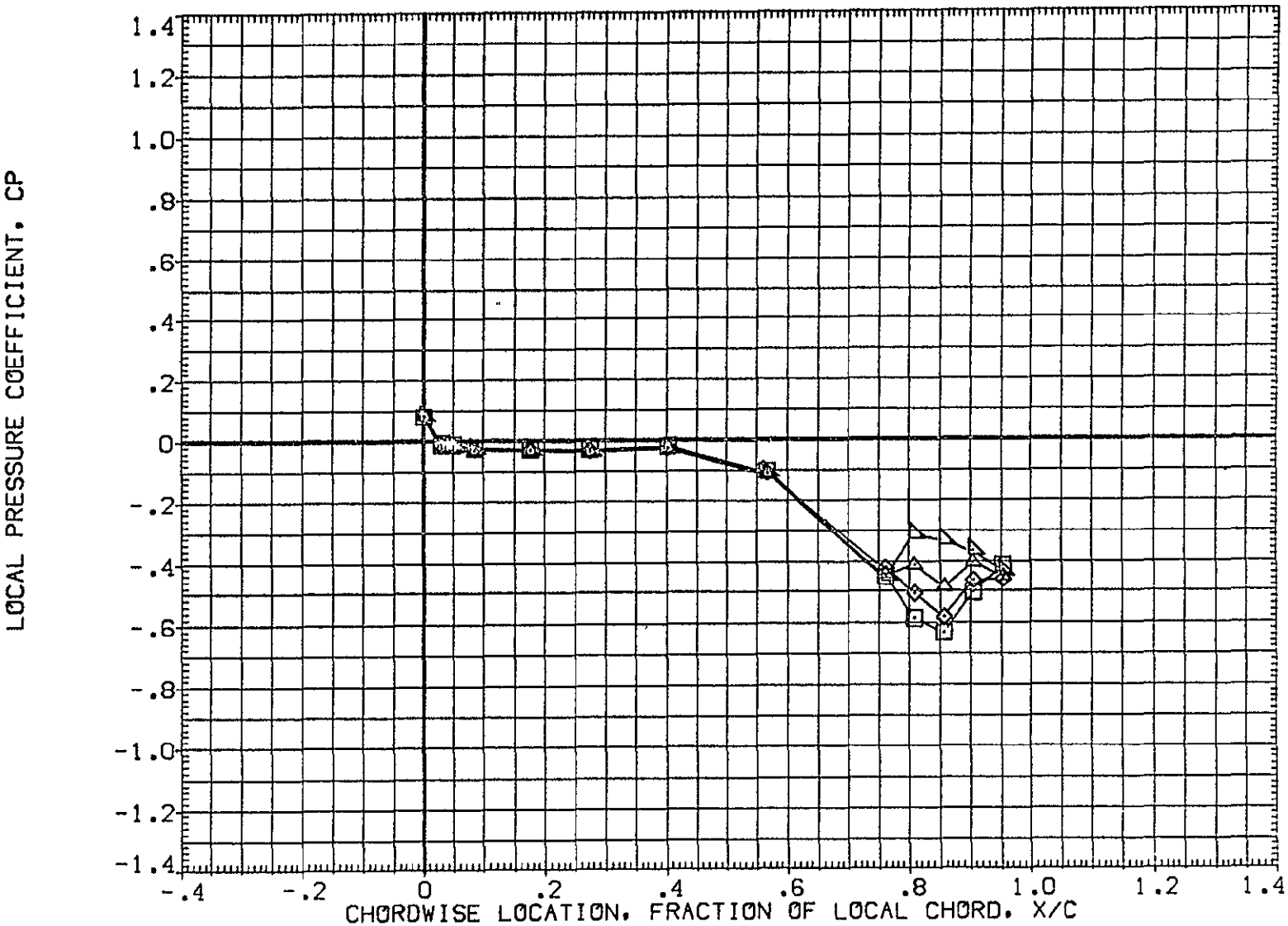

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

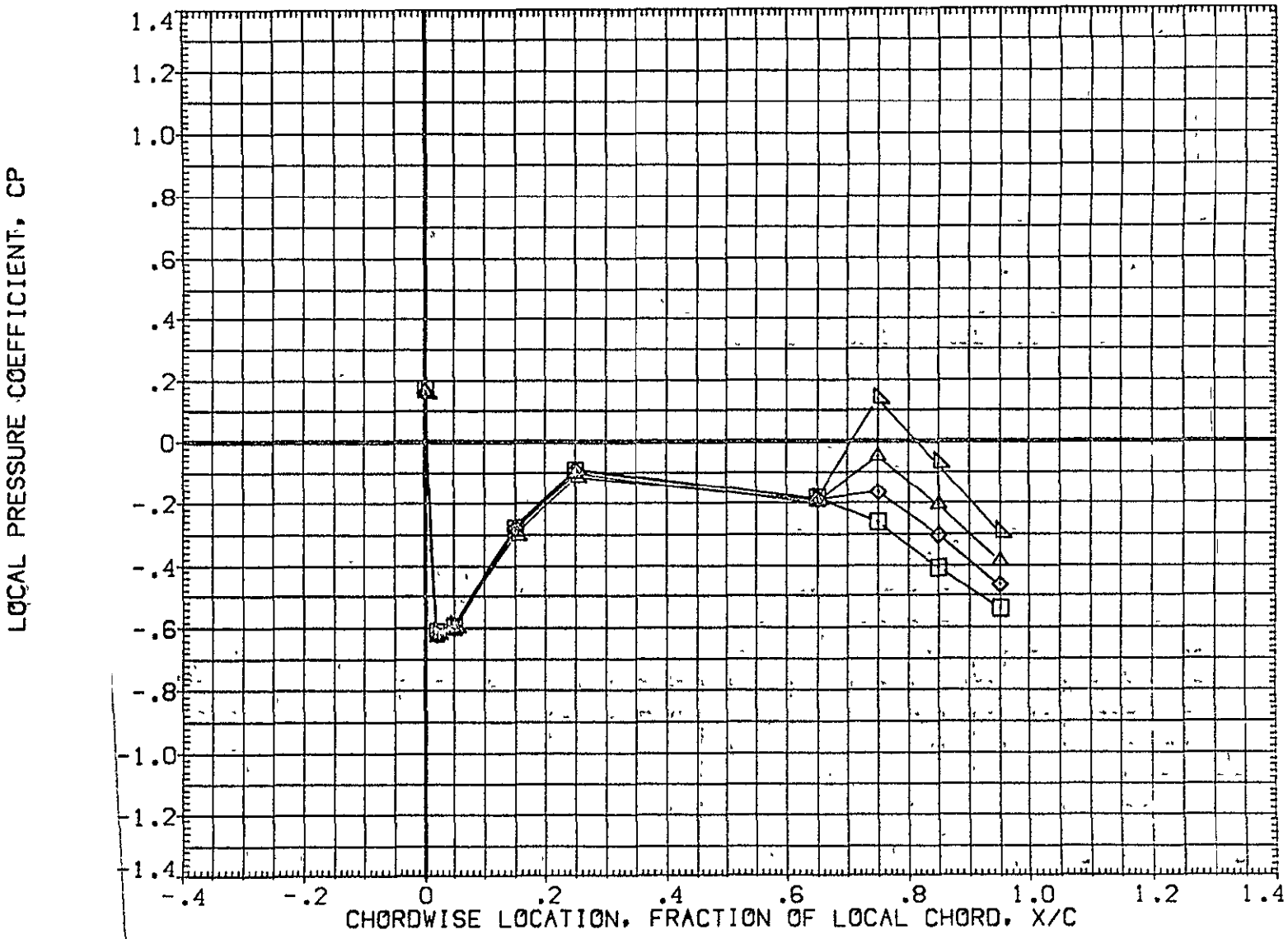

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

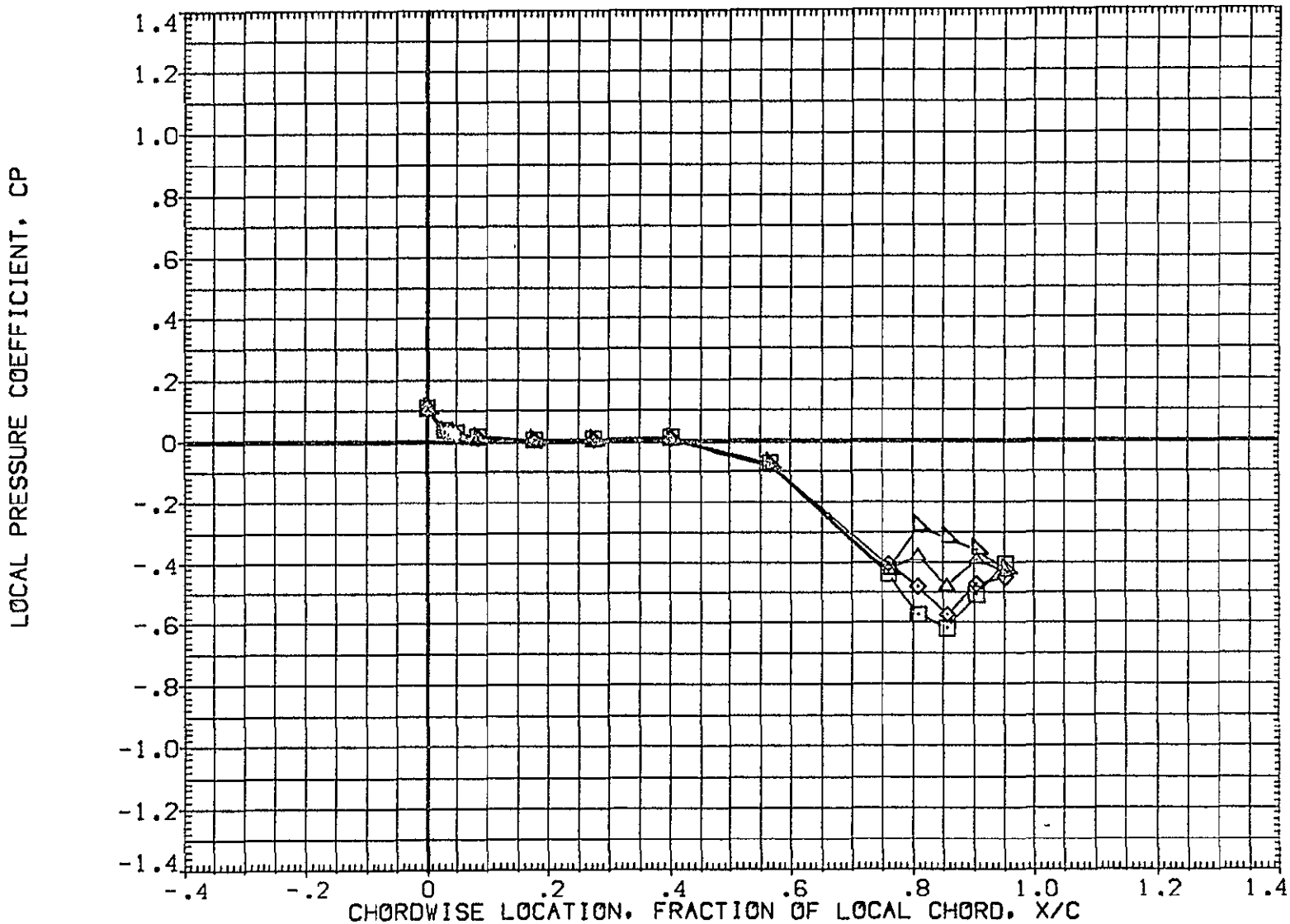

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◺	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

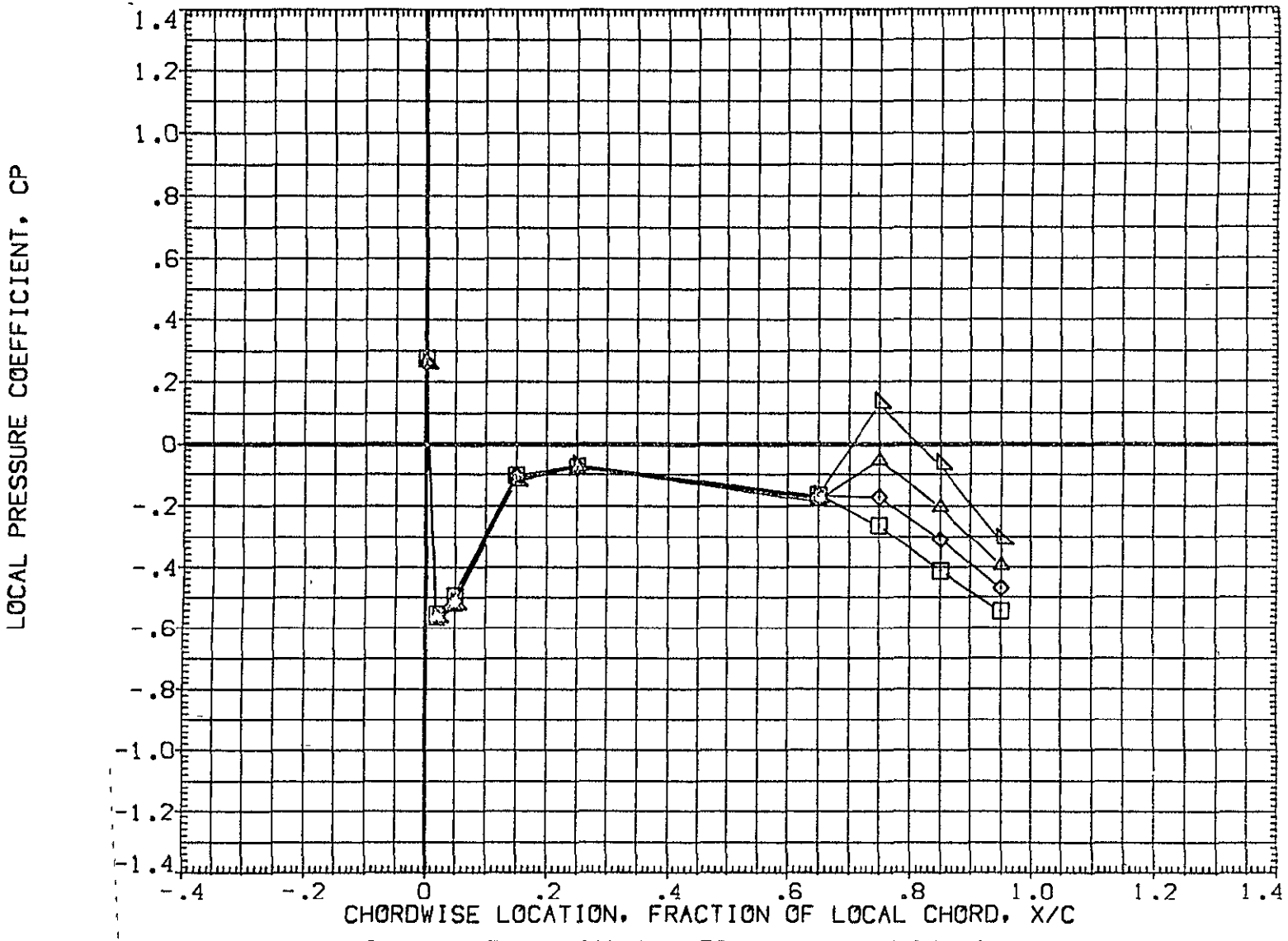

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▱	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

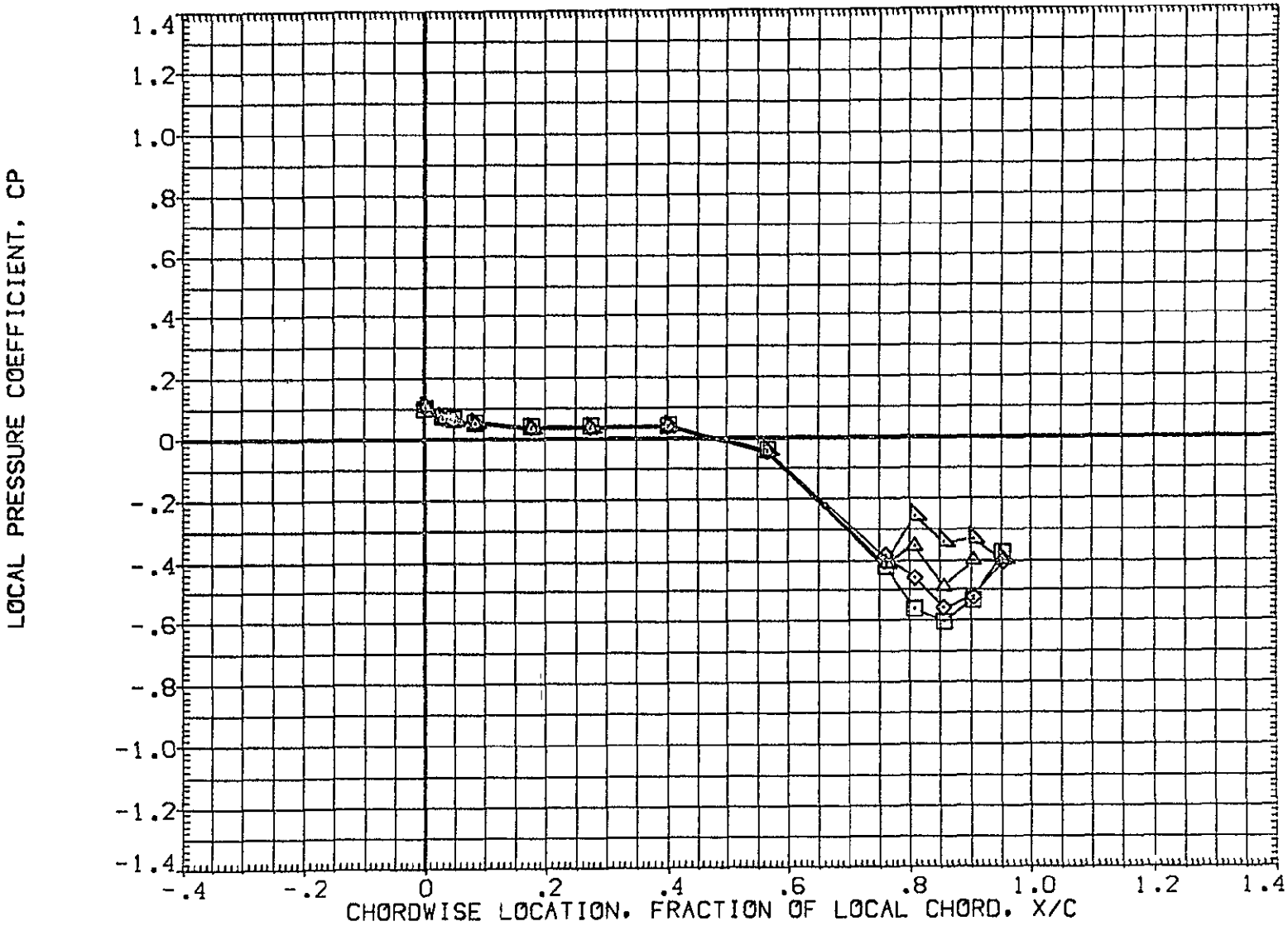

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		(A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		(A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		(A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		(A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

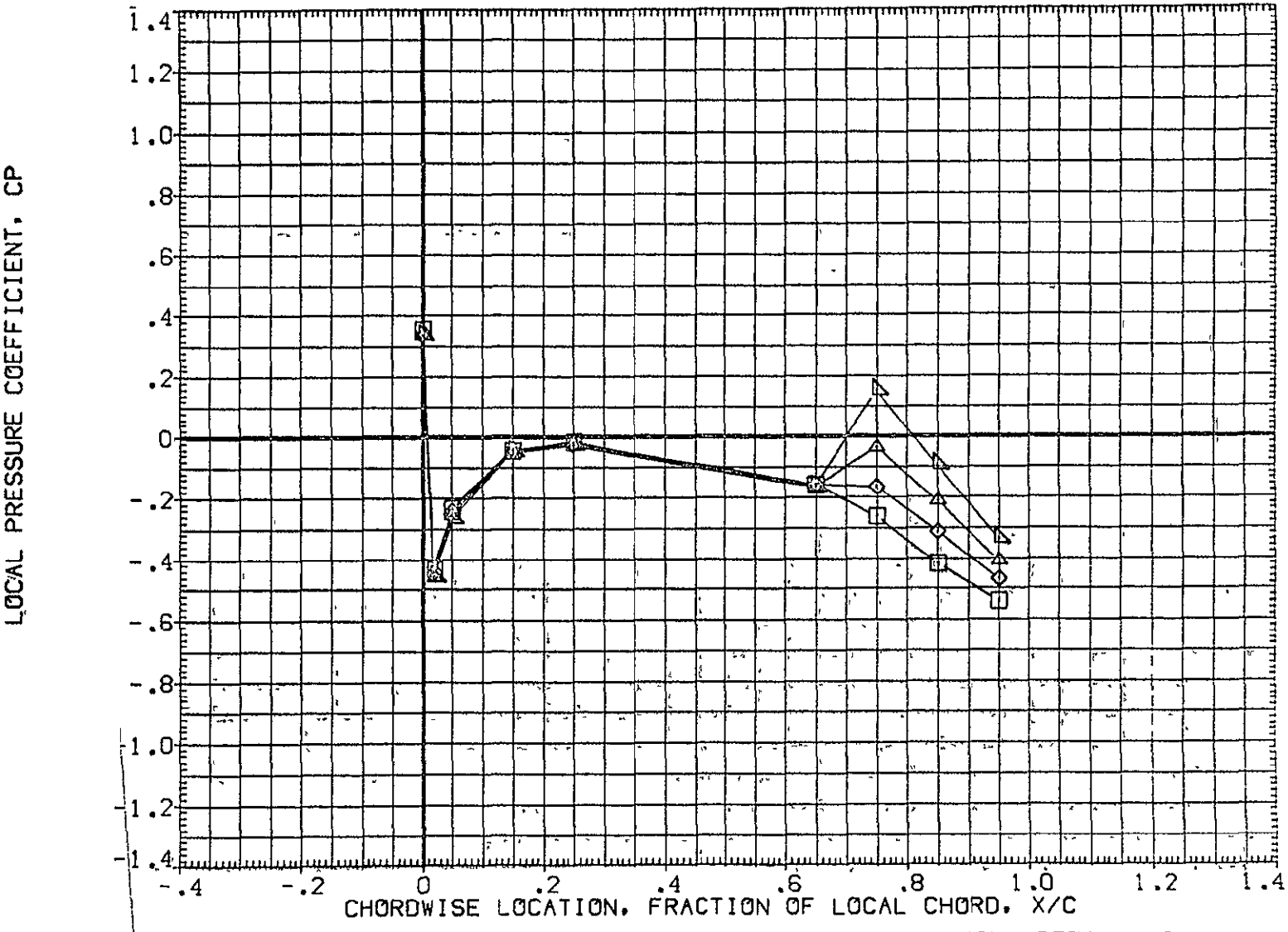

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

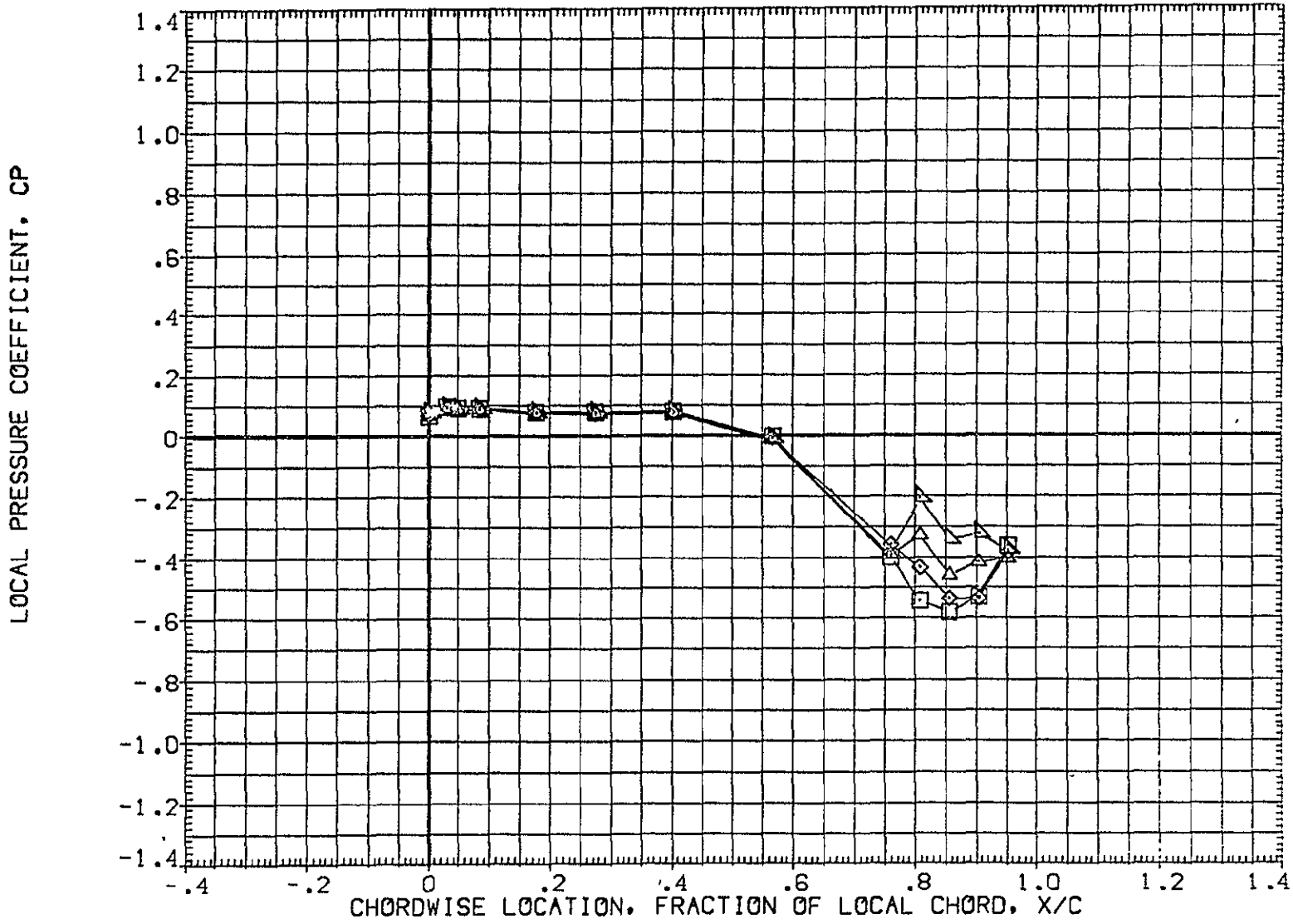

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

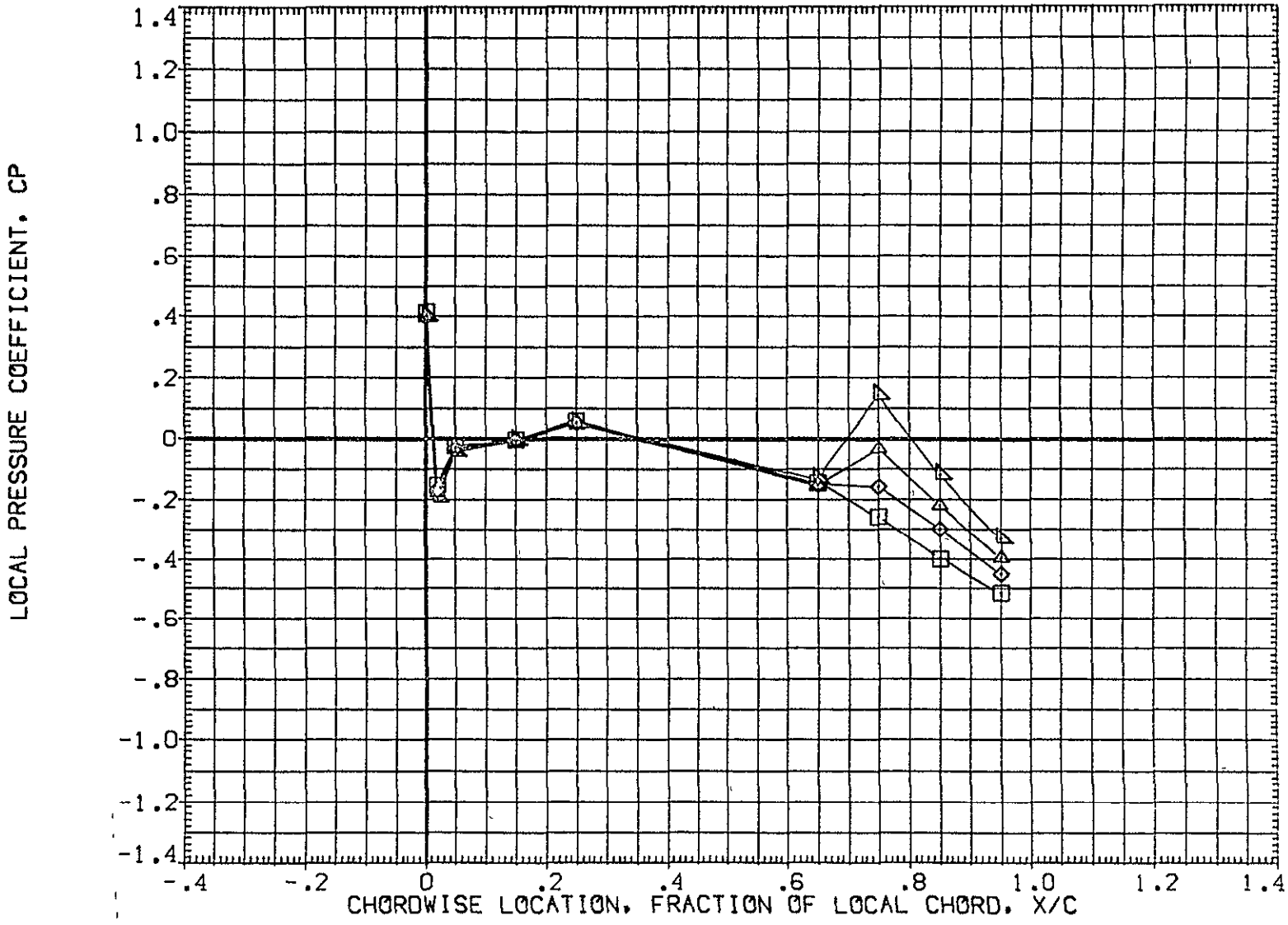

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

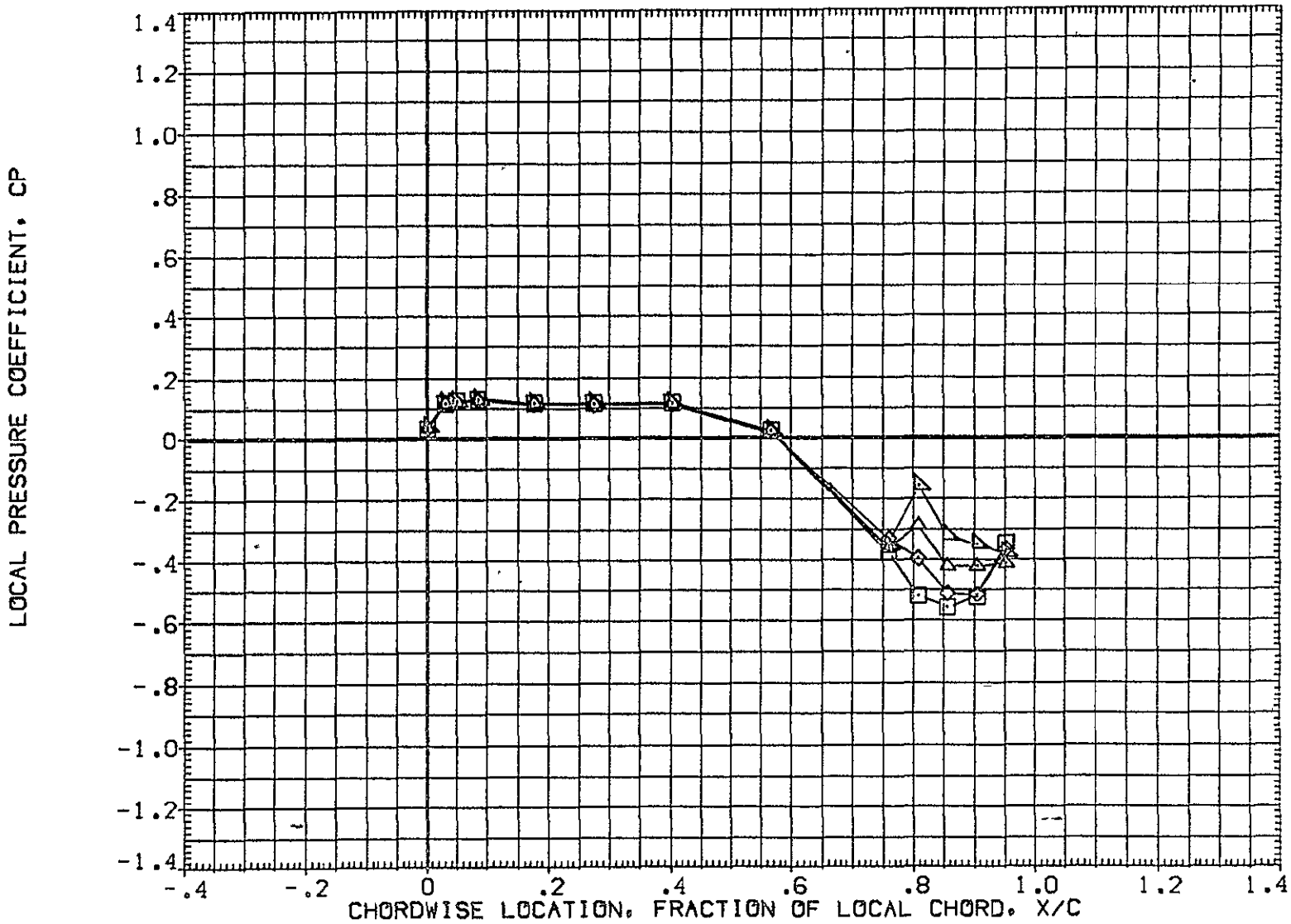

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	⇖	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

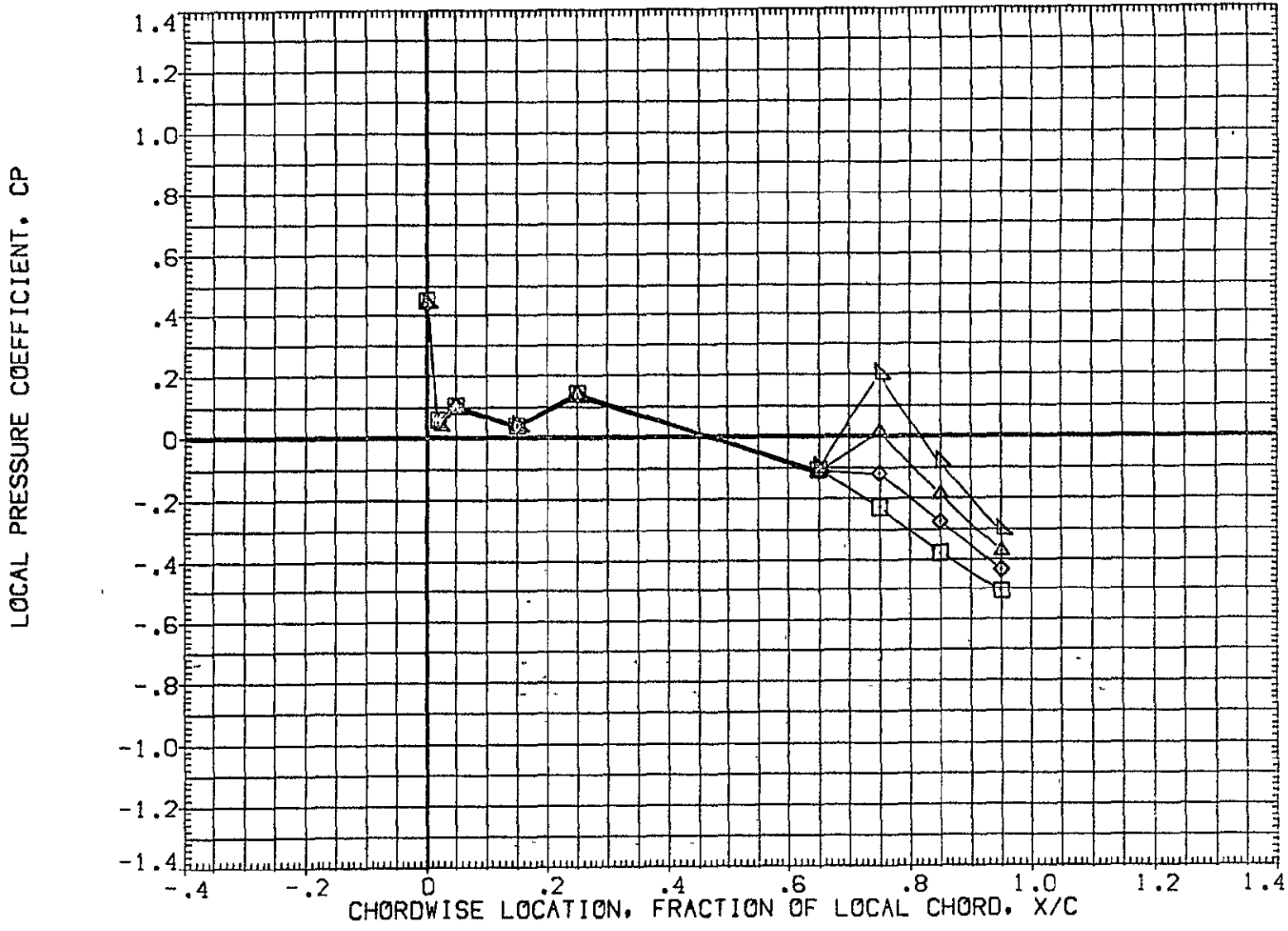

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⊠	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◺	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

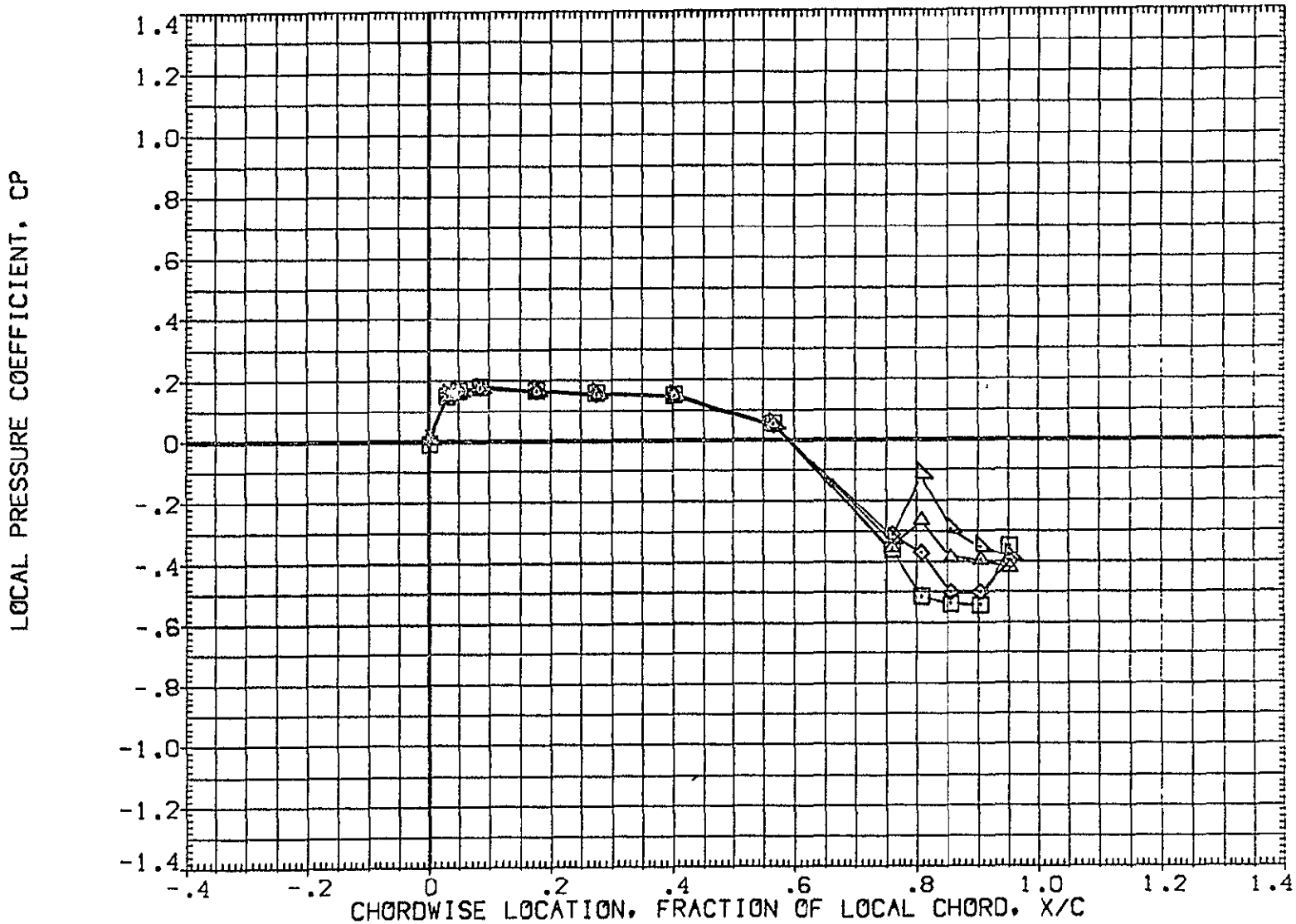

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

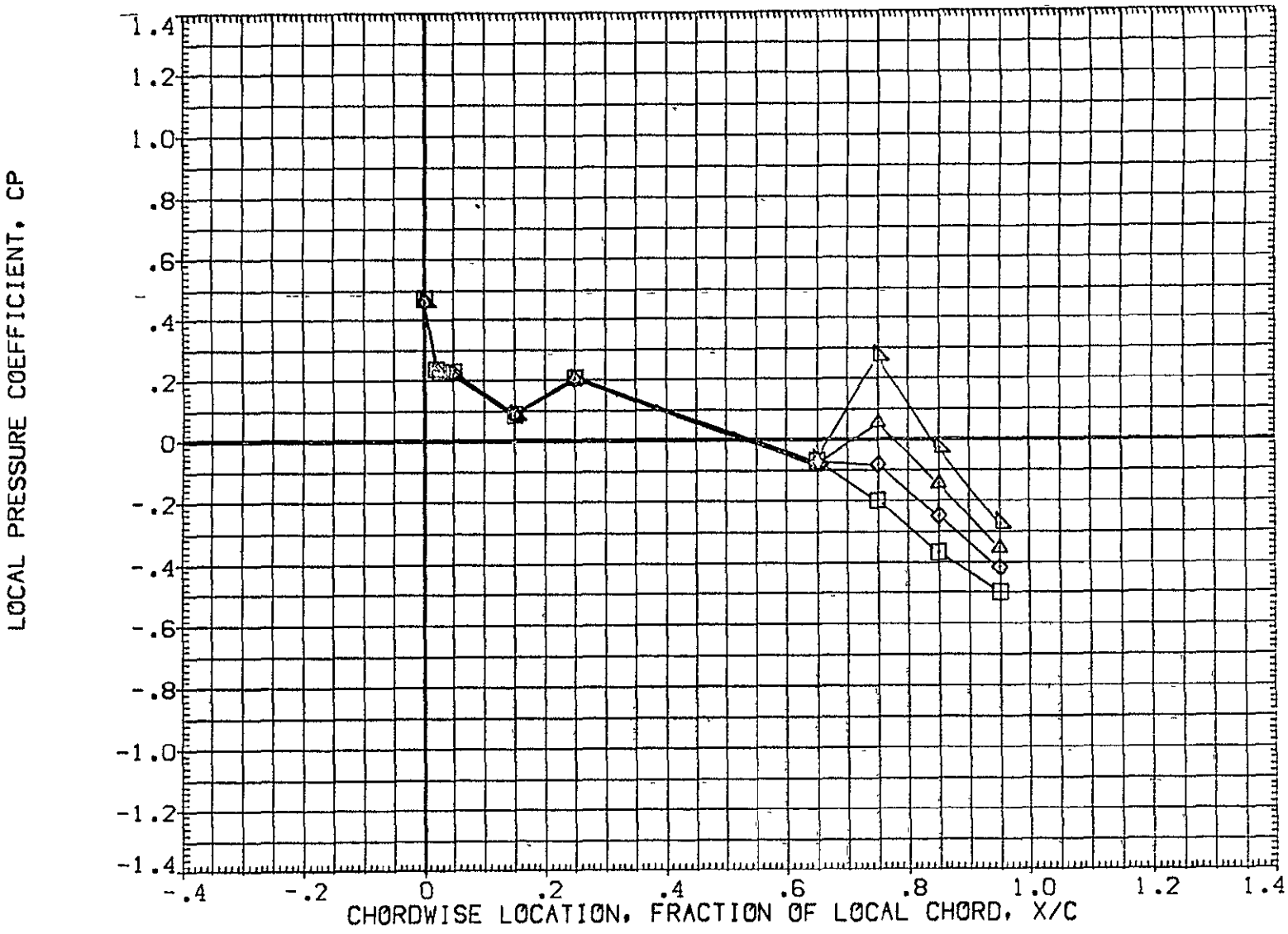

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

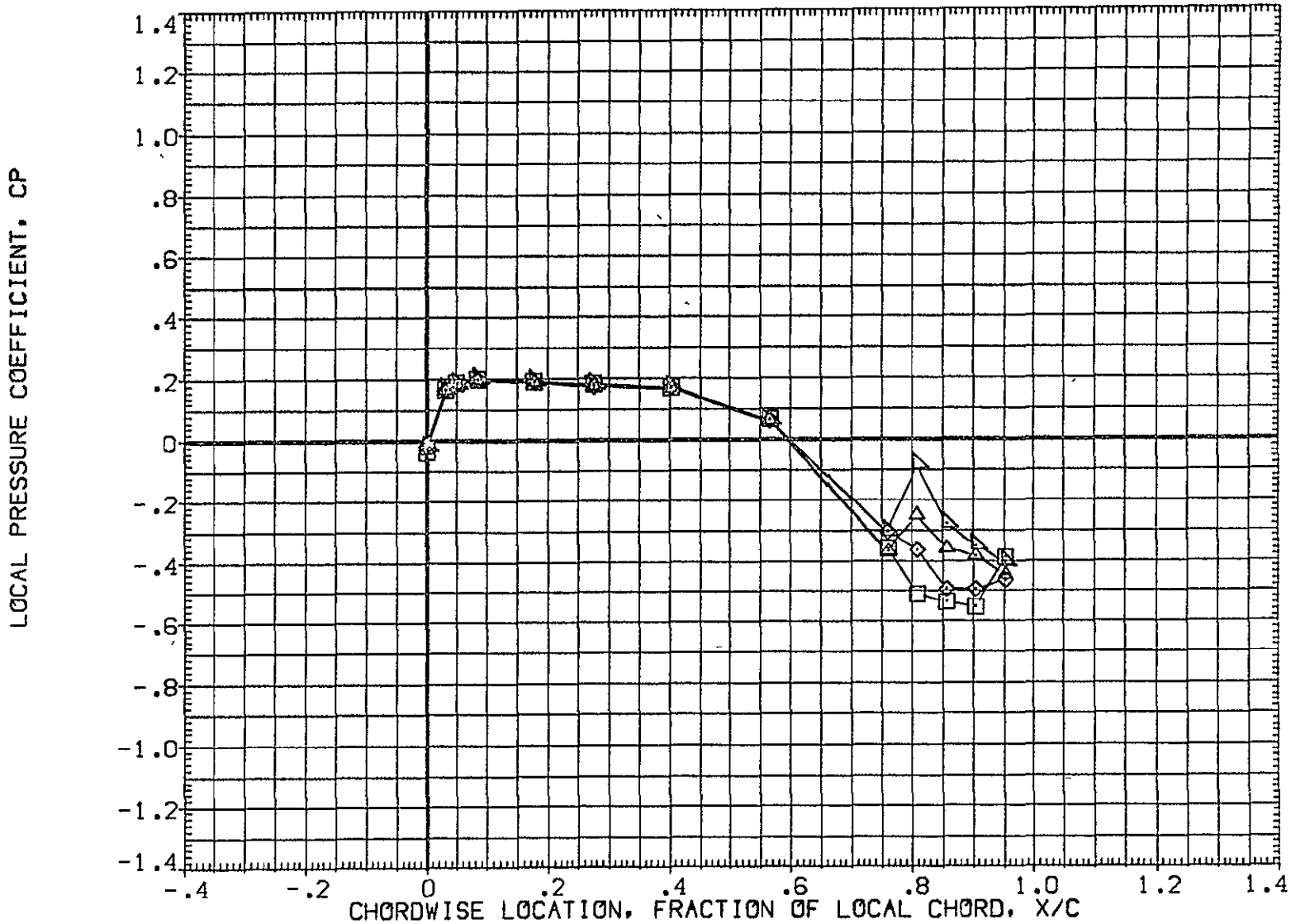

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7L47)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

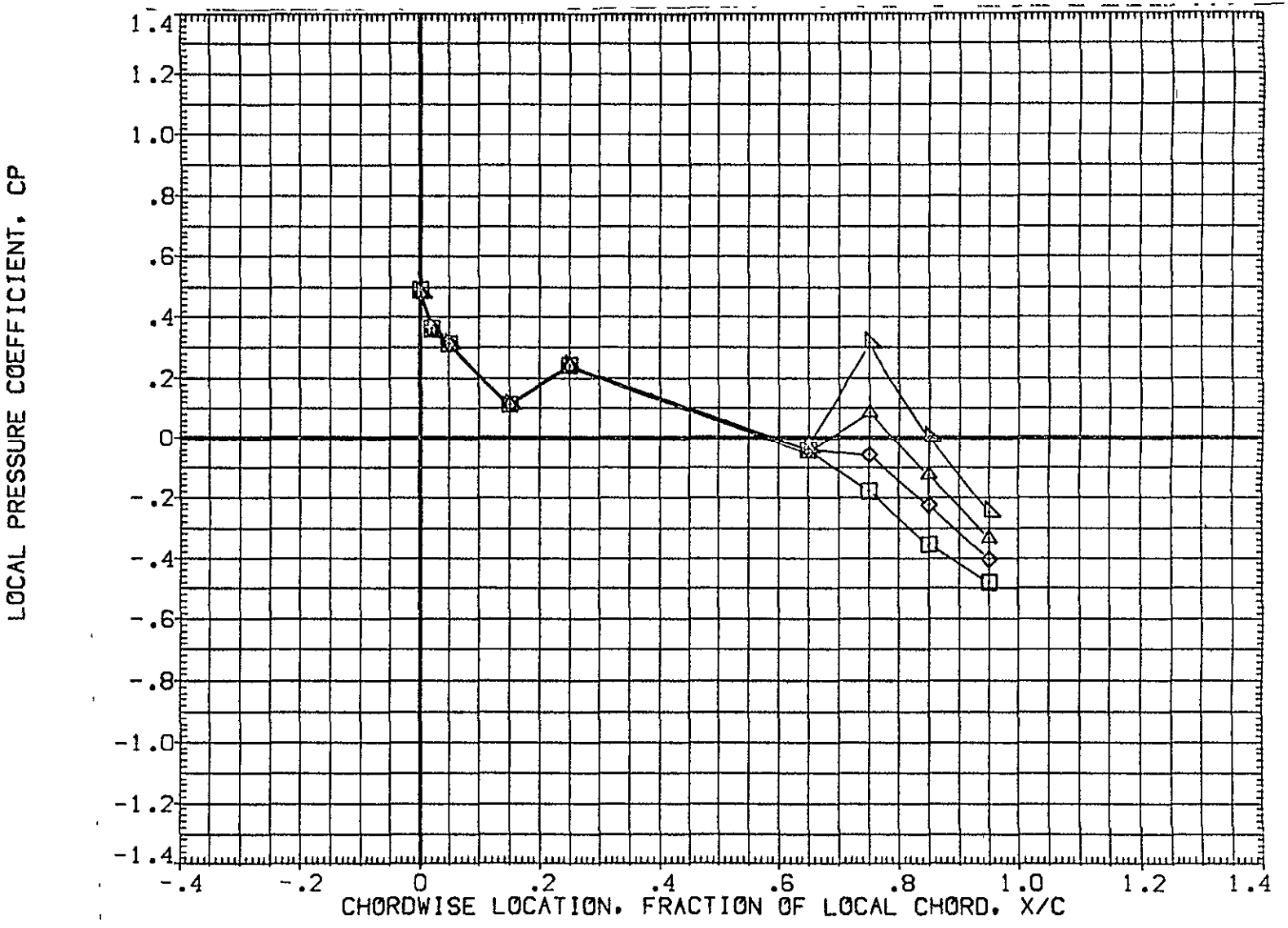

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⊠	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

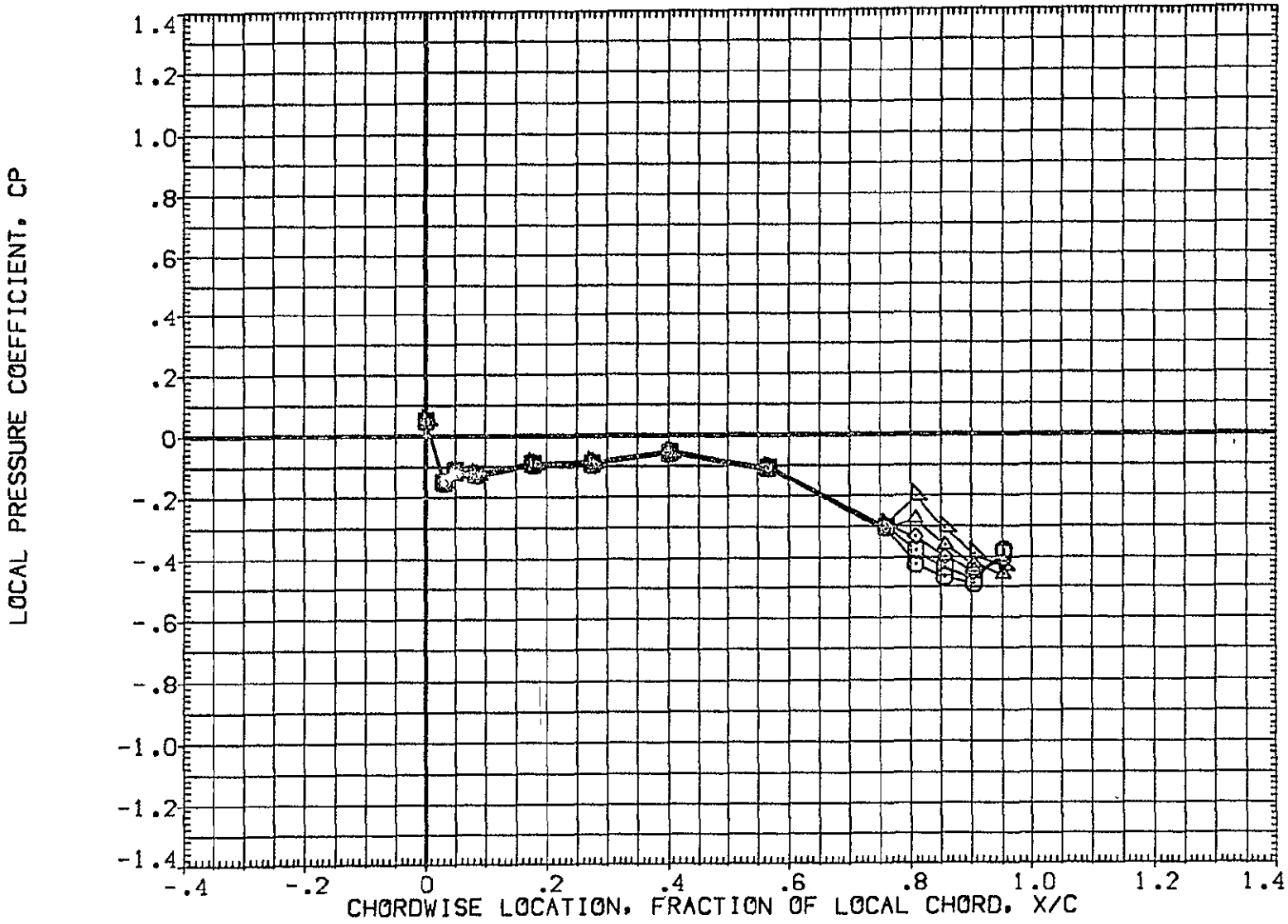

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

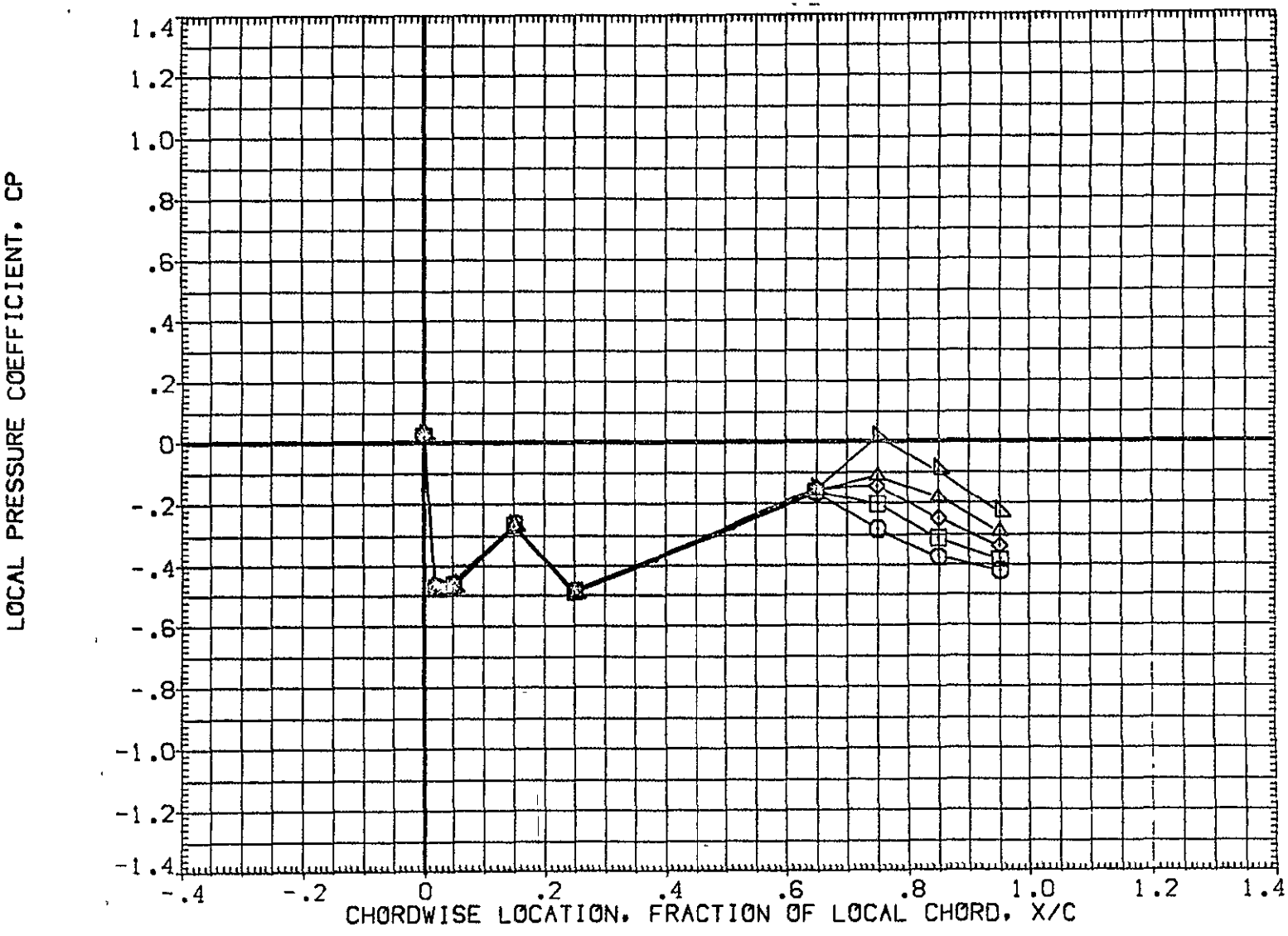

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

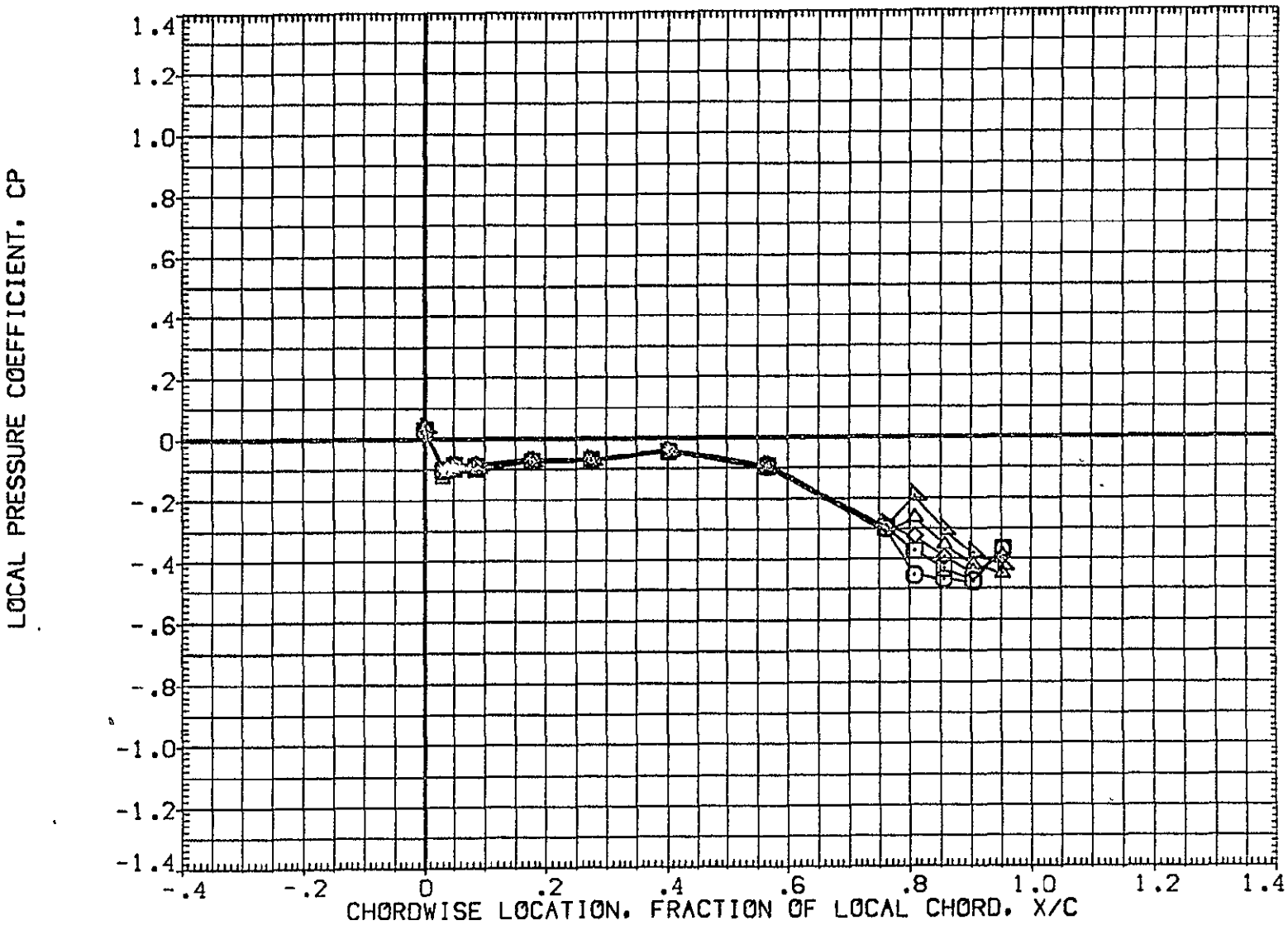

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

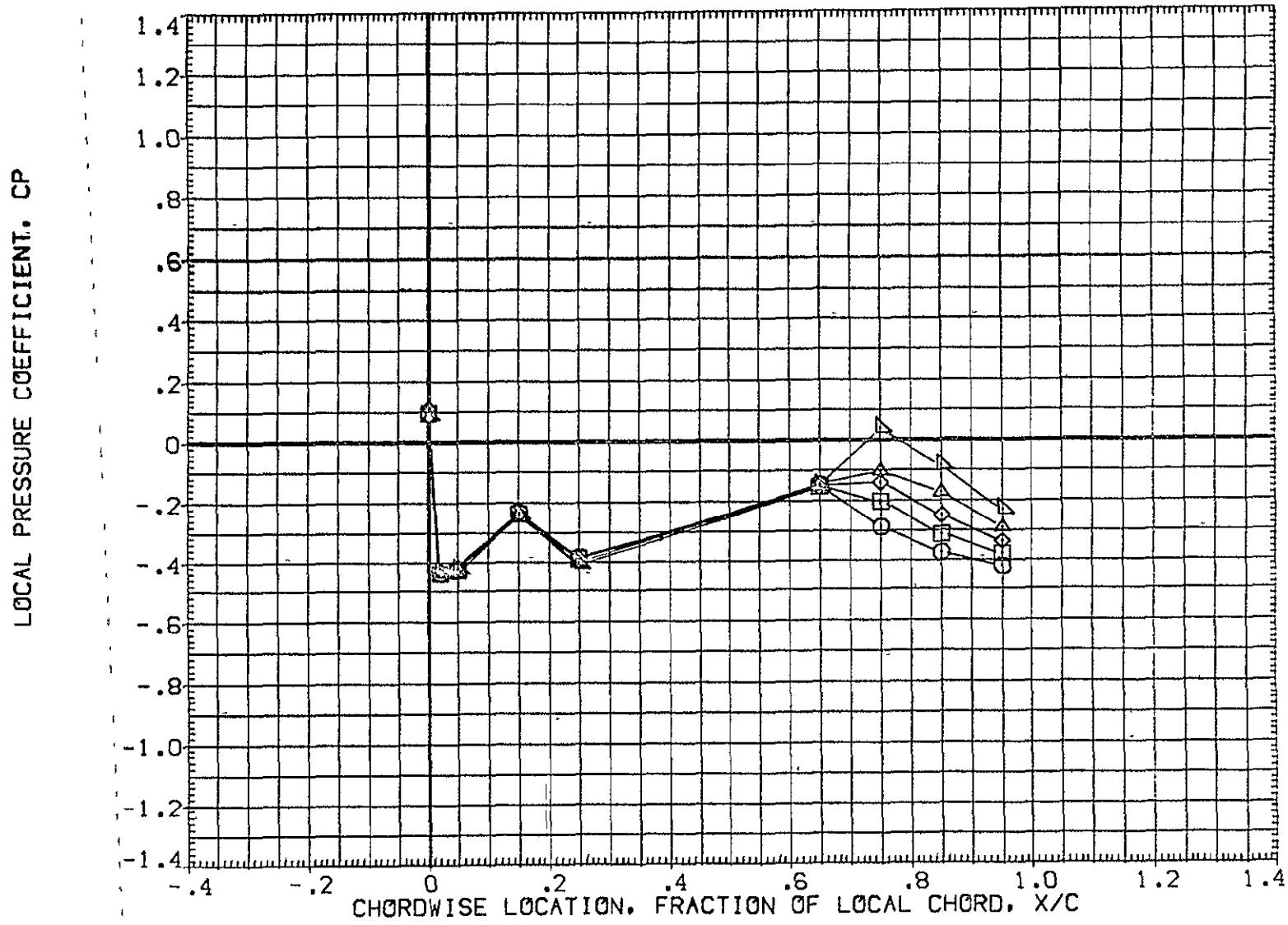

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◁	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

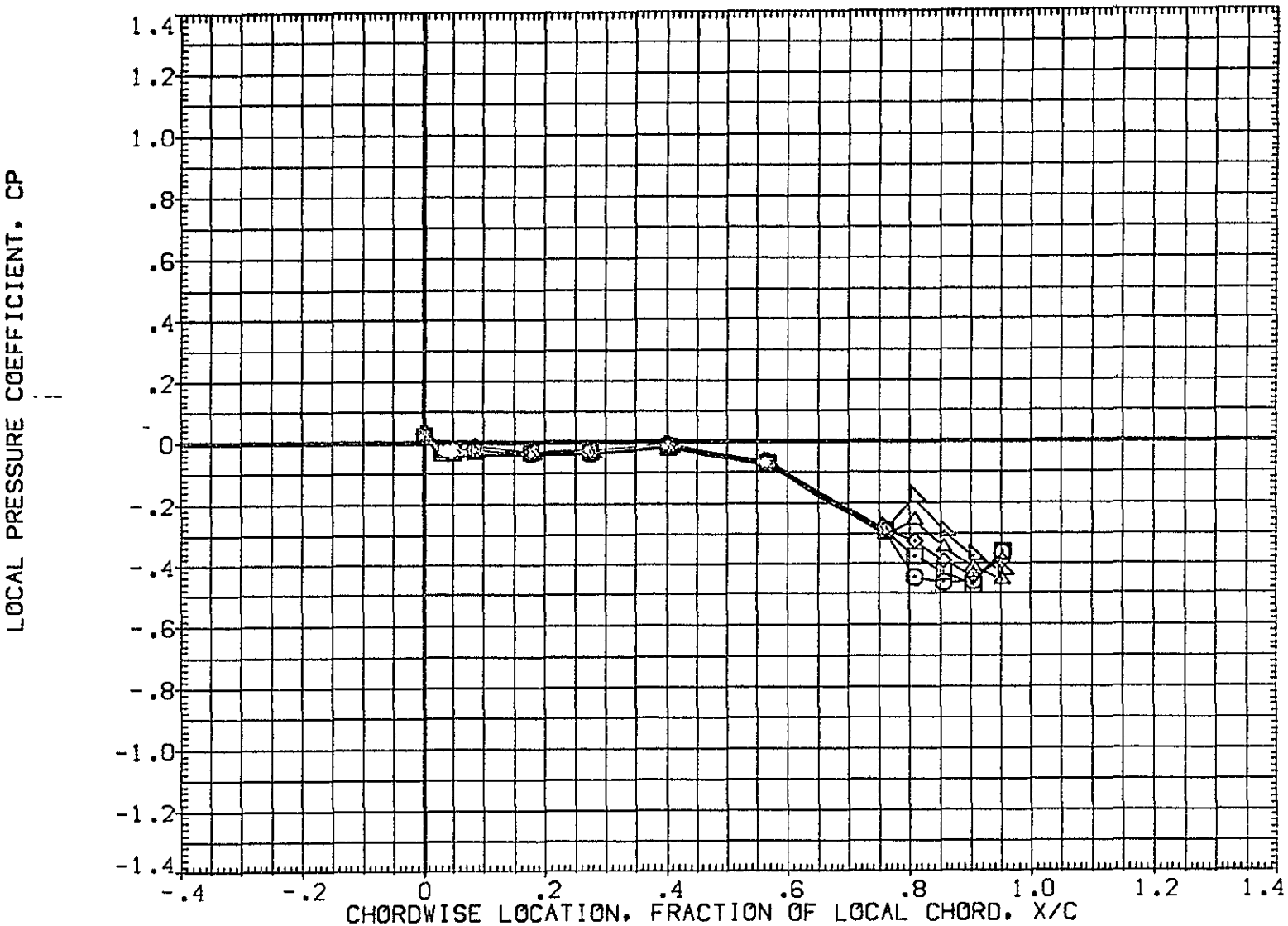

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◁	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

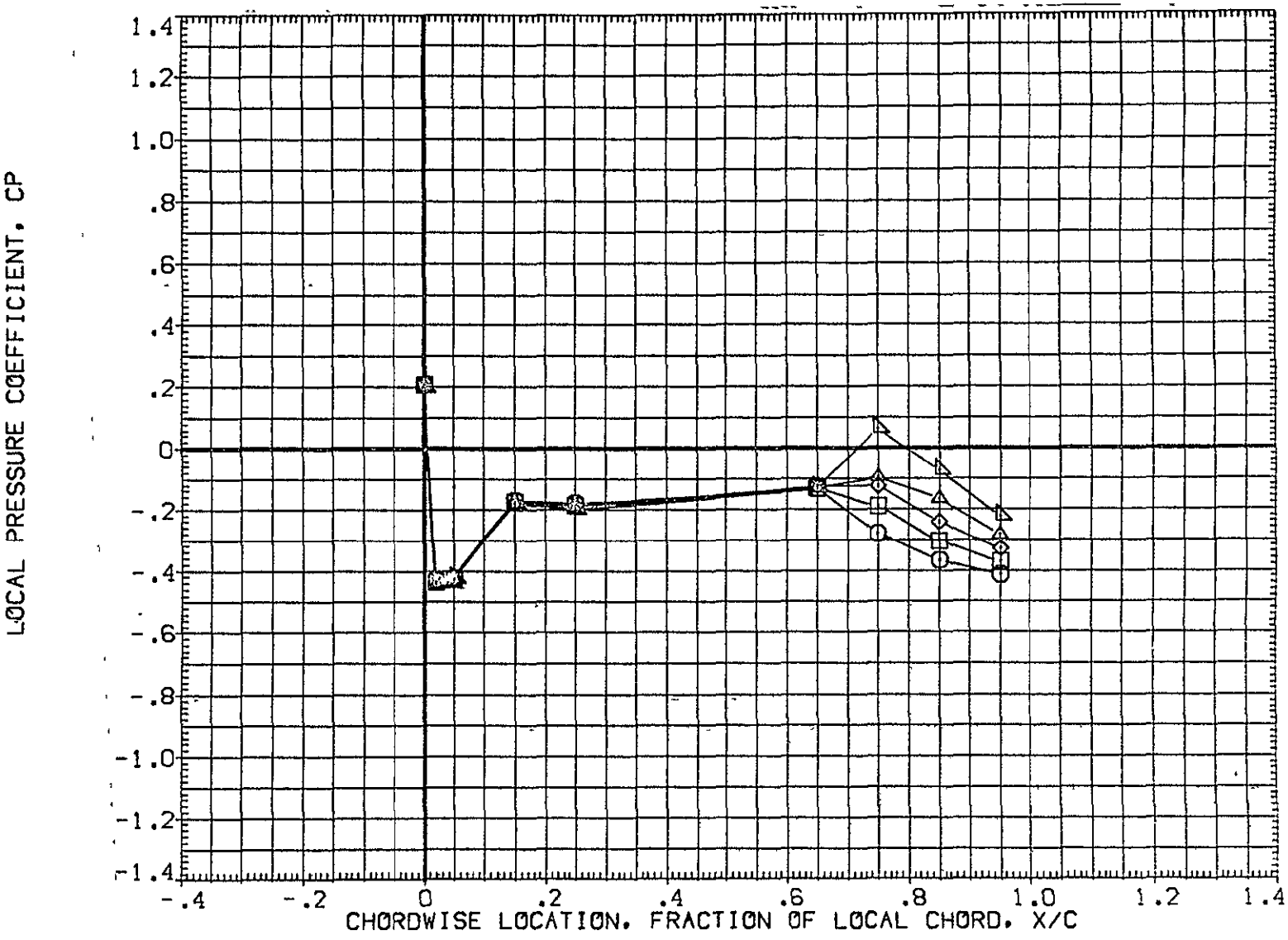

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	⊠	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◺	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

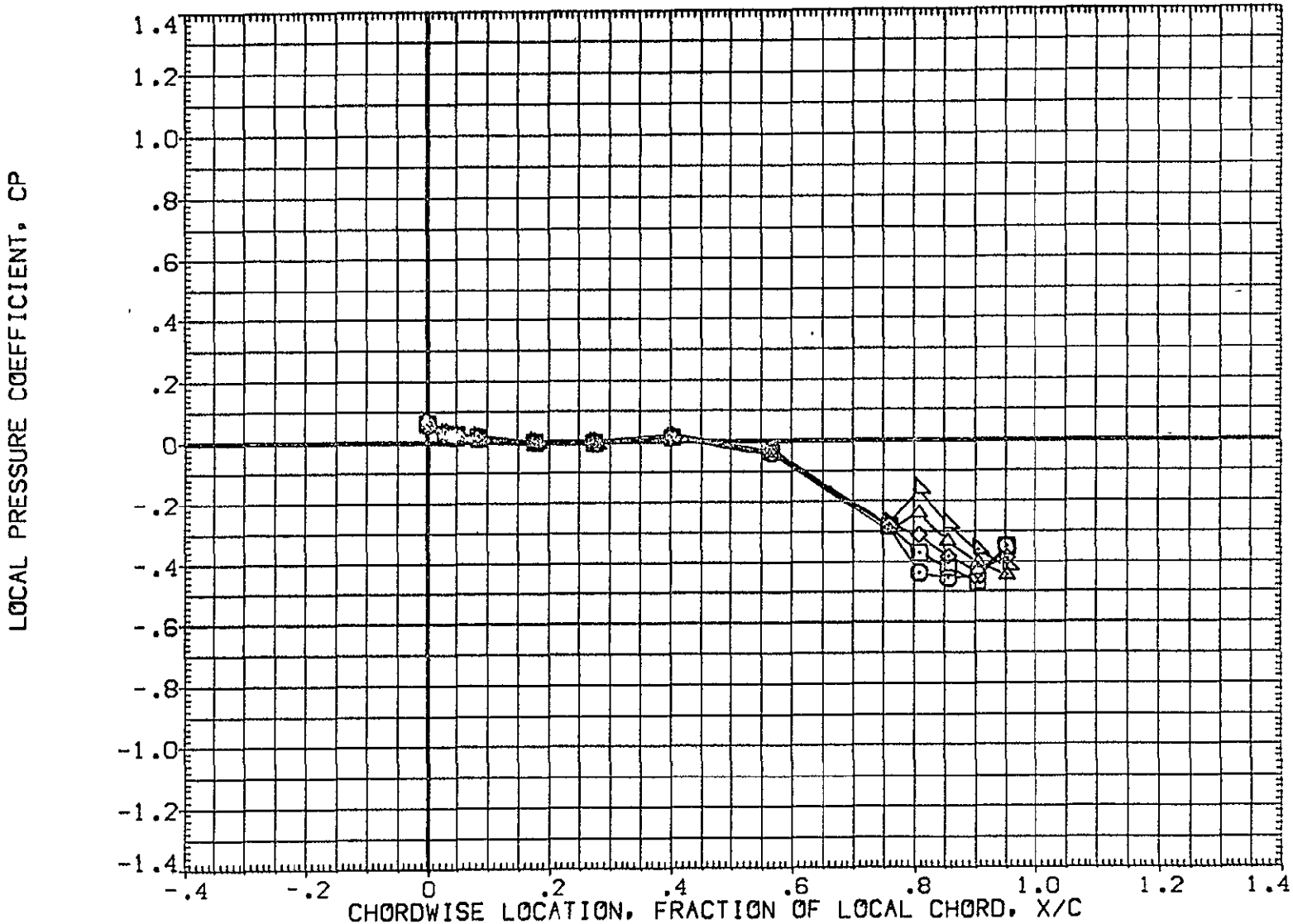

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	IA70	01	T12	S1	P2	P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70	01	T12	S1	P2	P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70	01	T12	S1	P2	P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	IA70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

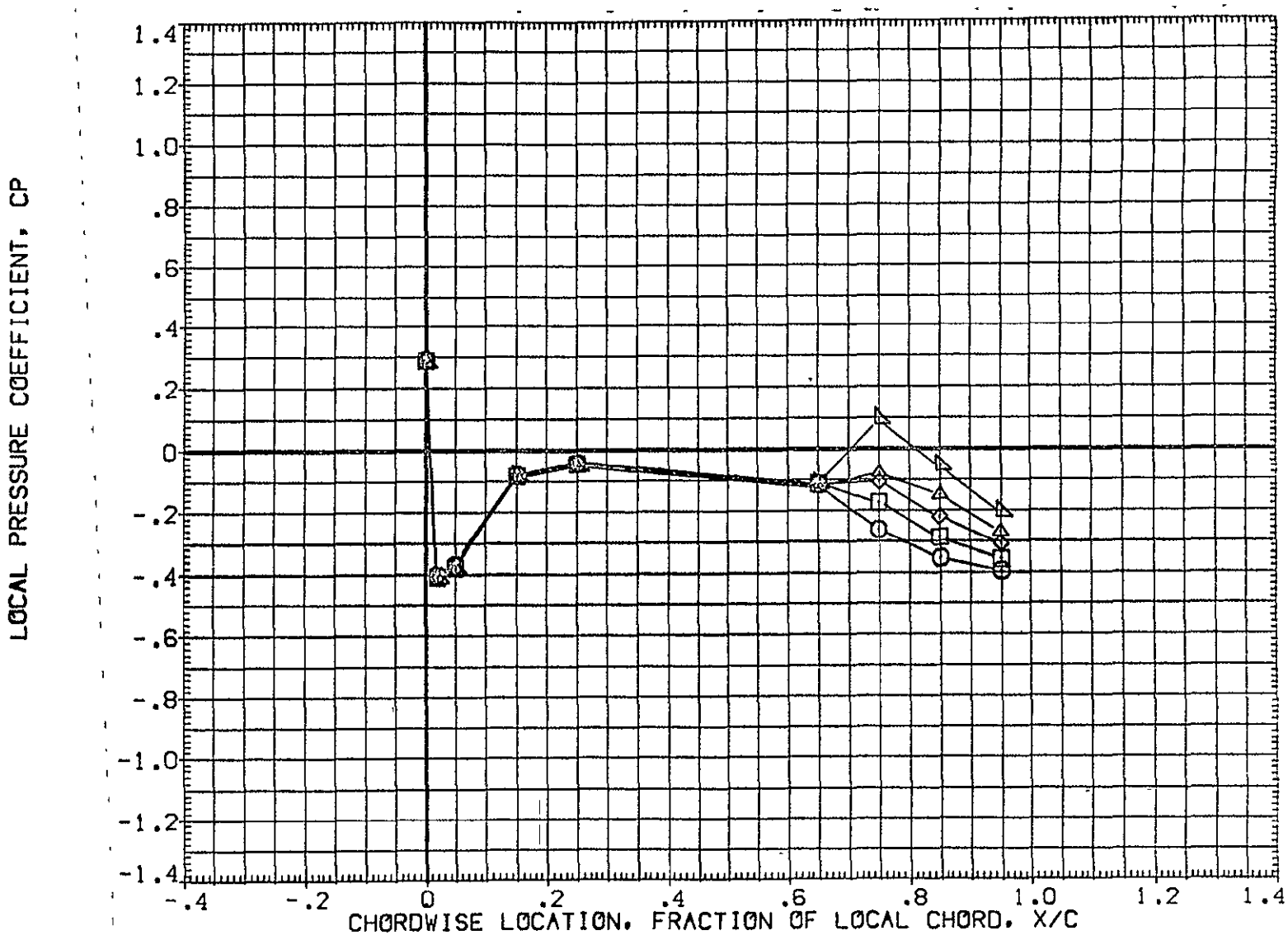

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

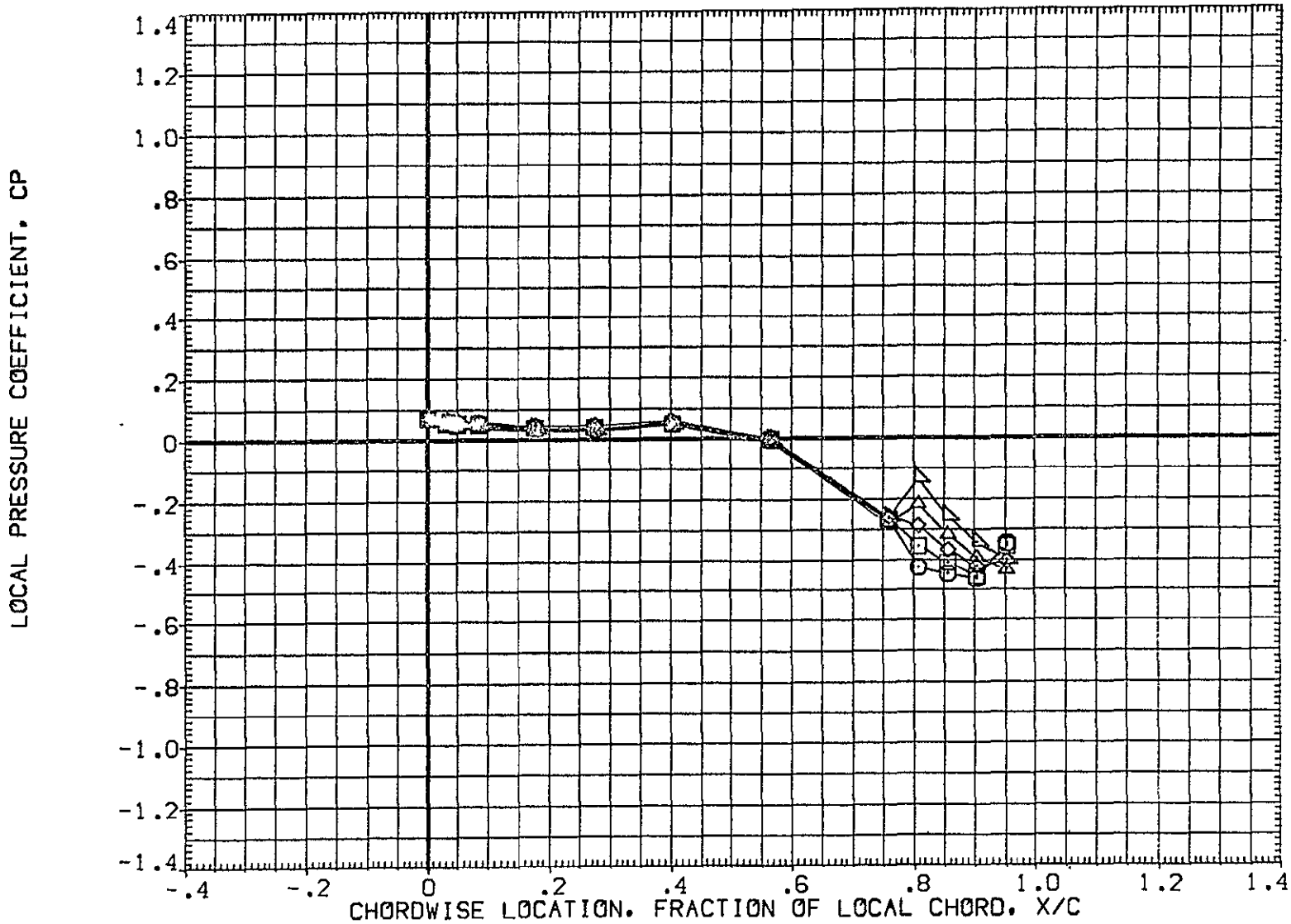

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

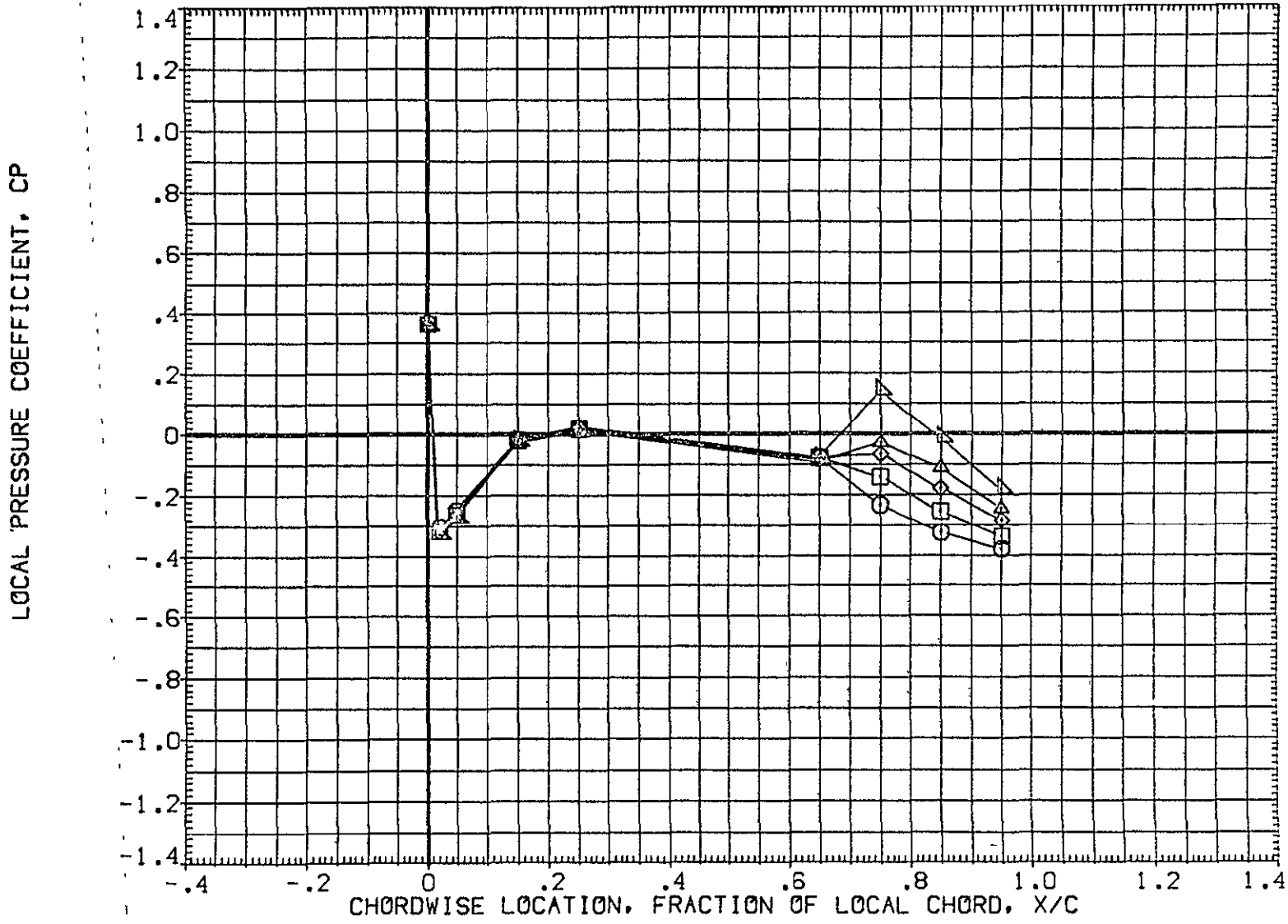

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	▽	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

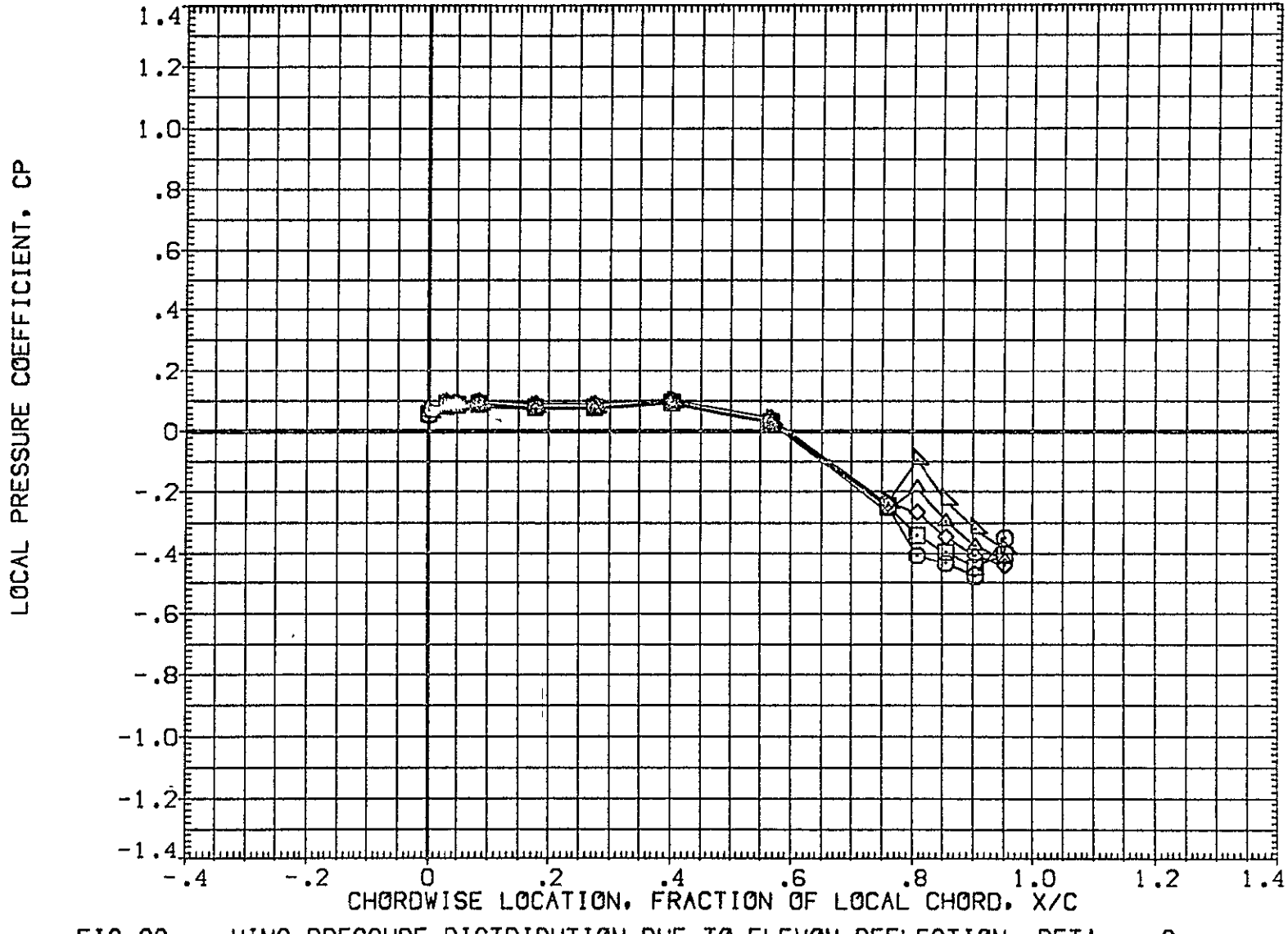

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	12.000	12.000	12.000

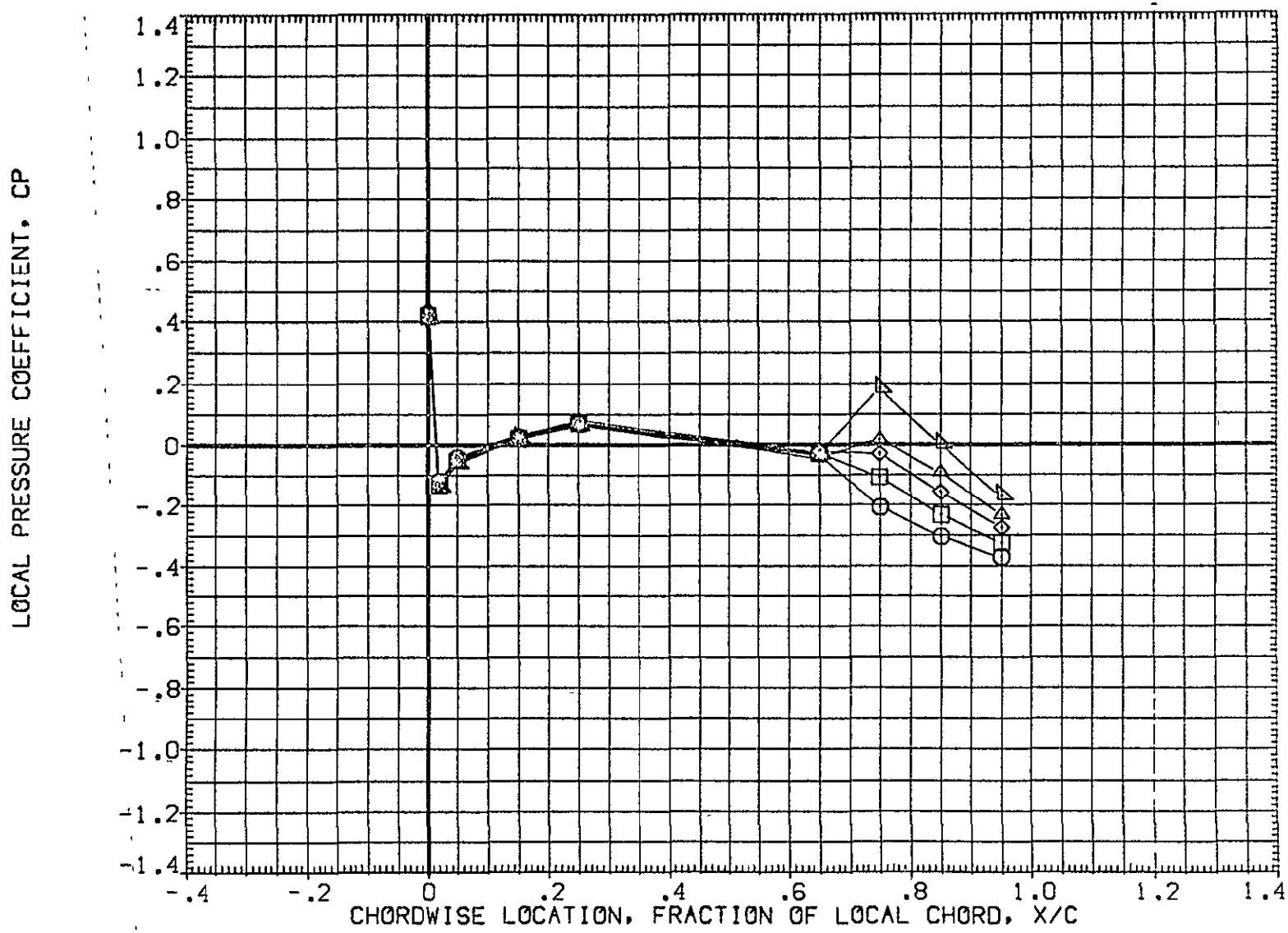

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	⋈	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

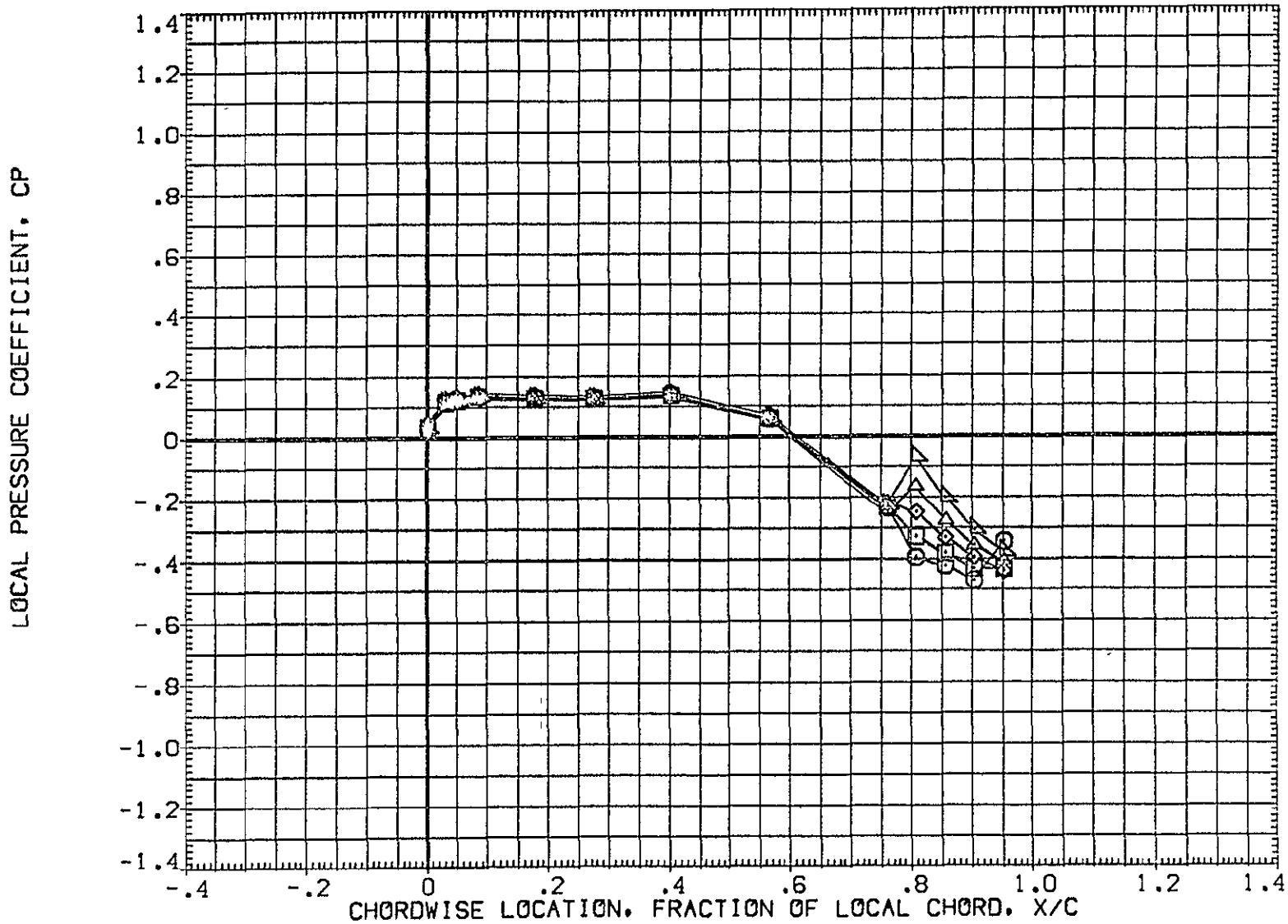

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

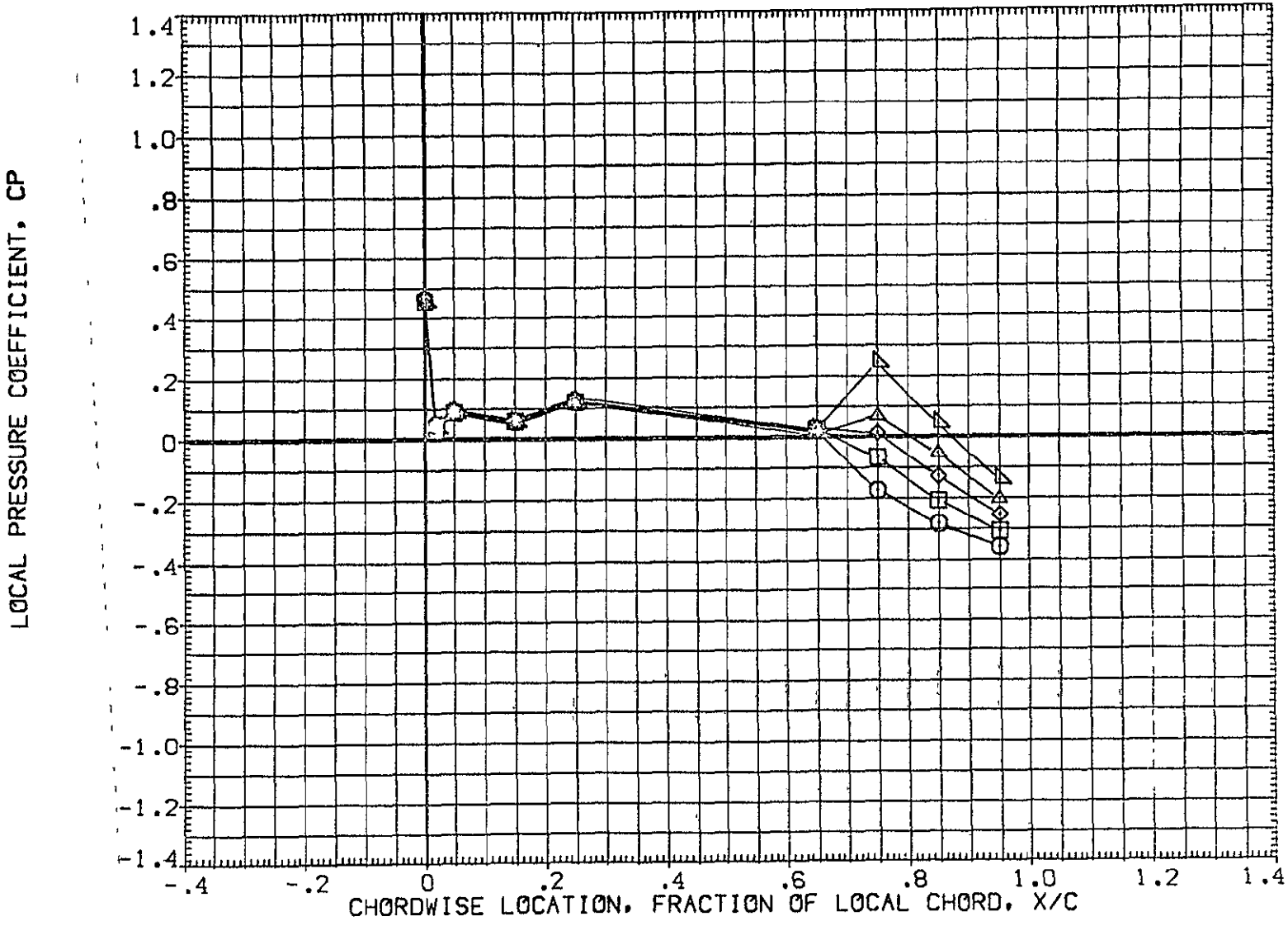

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◺	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

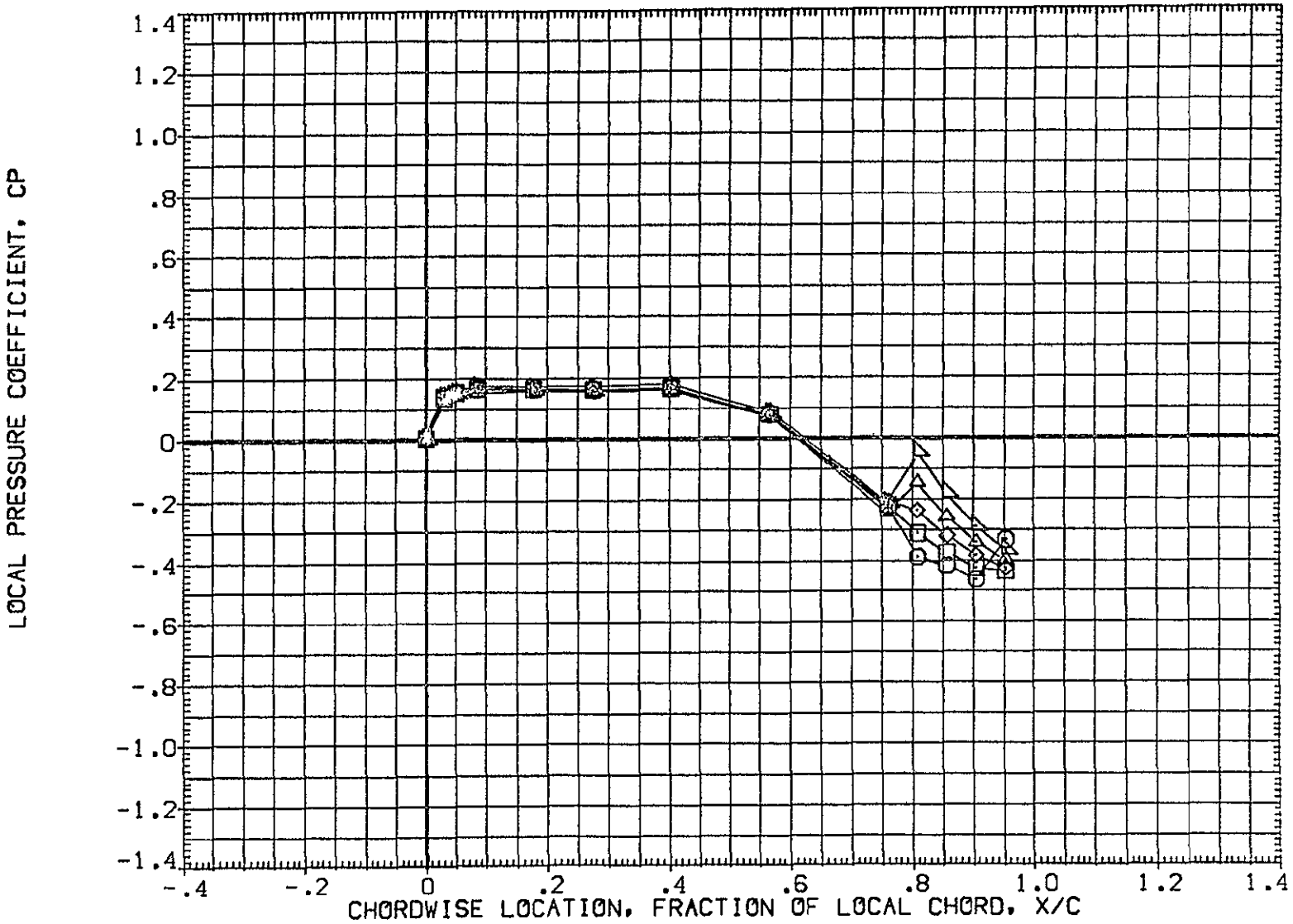

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▷	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

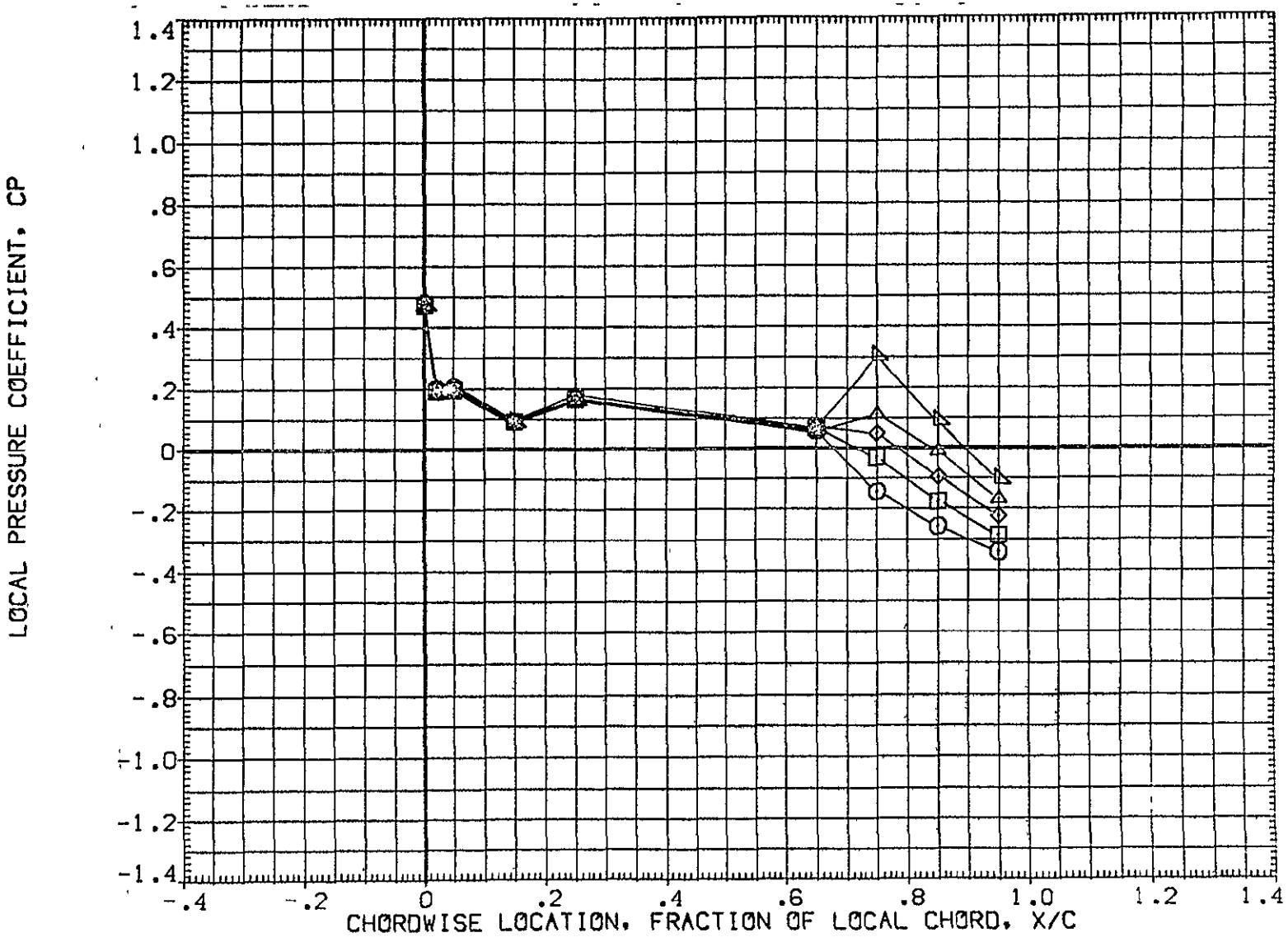

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◁	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

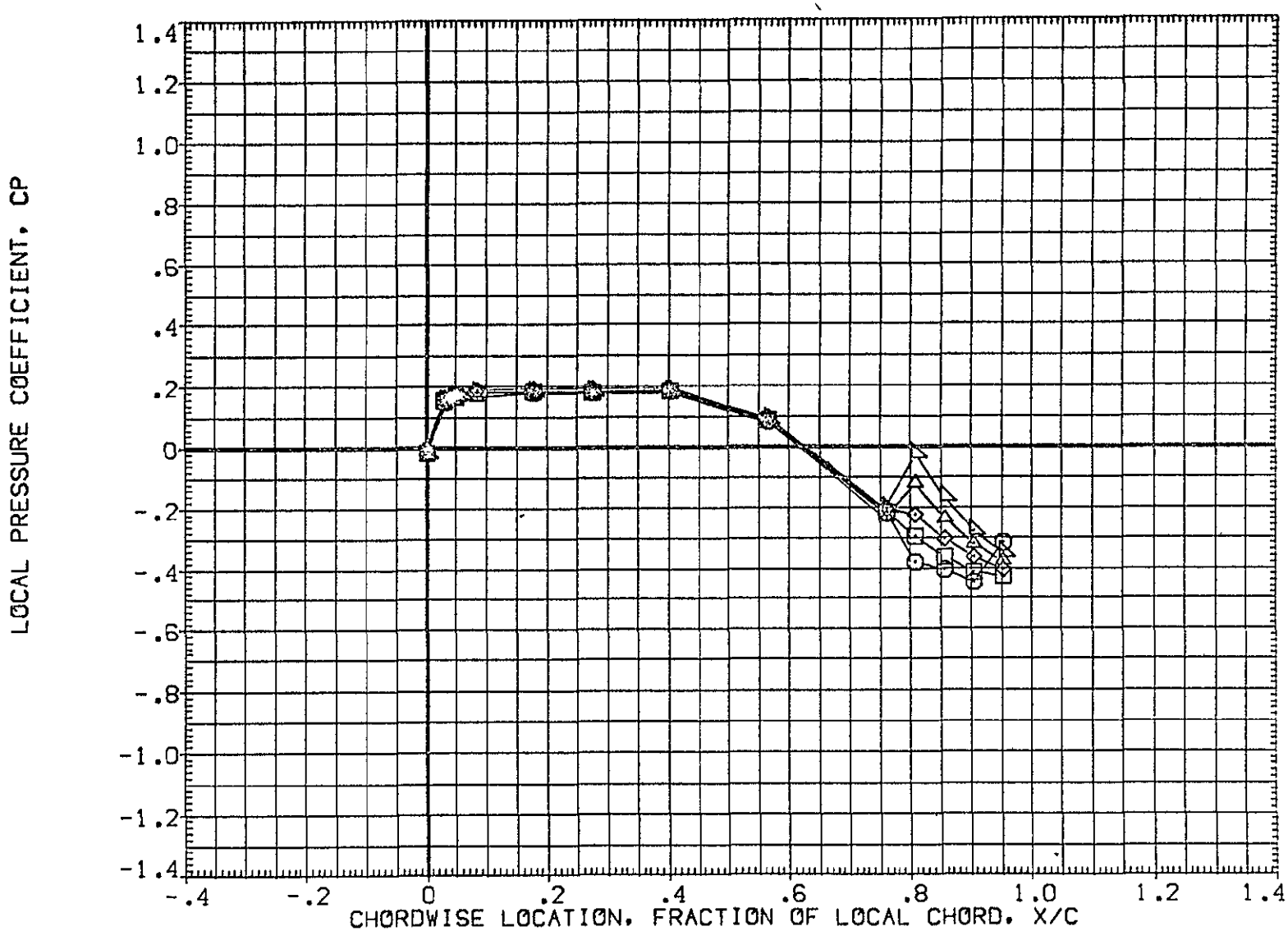

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	◺	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

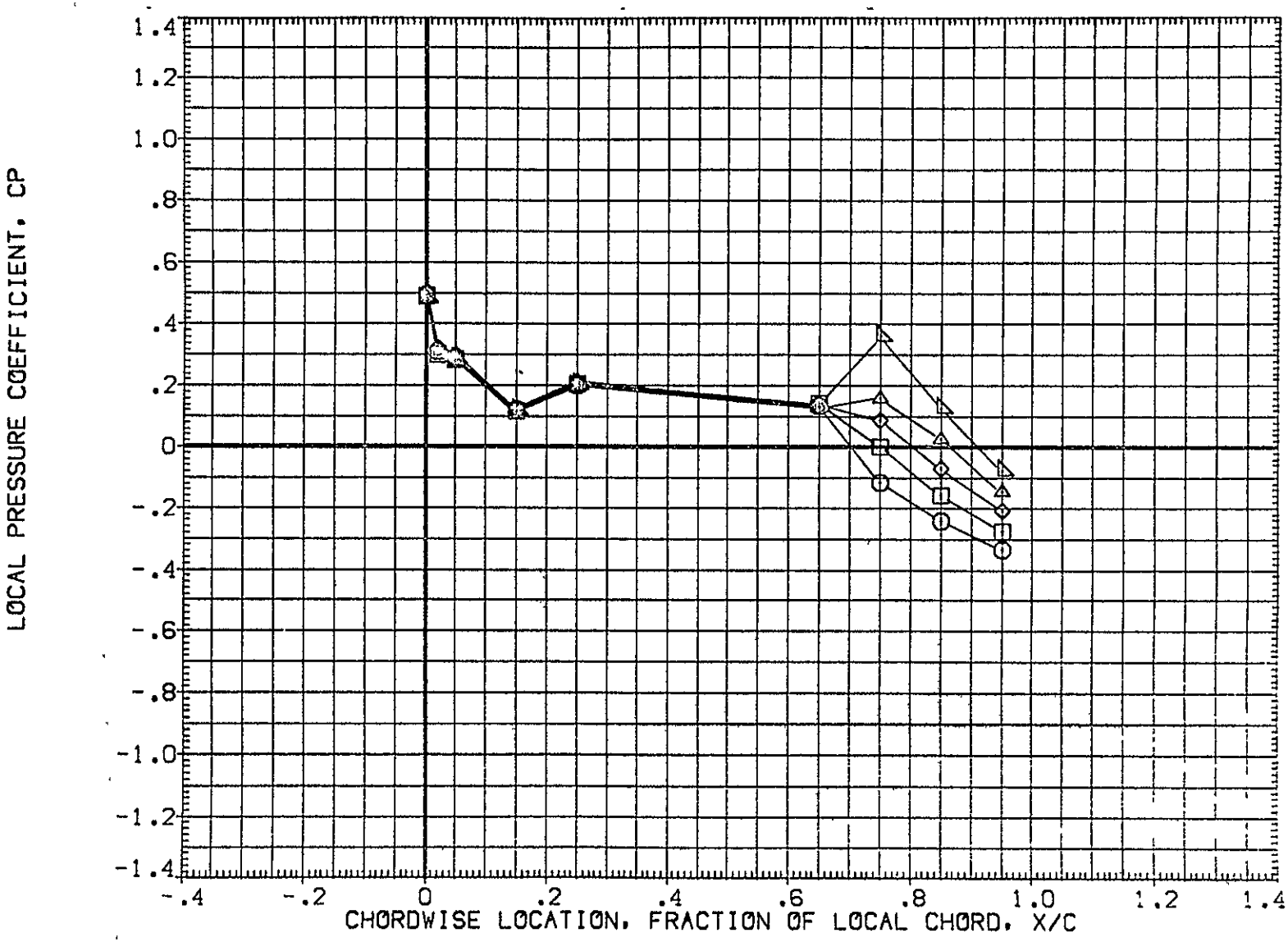

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

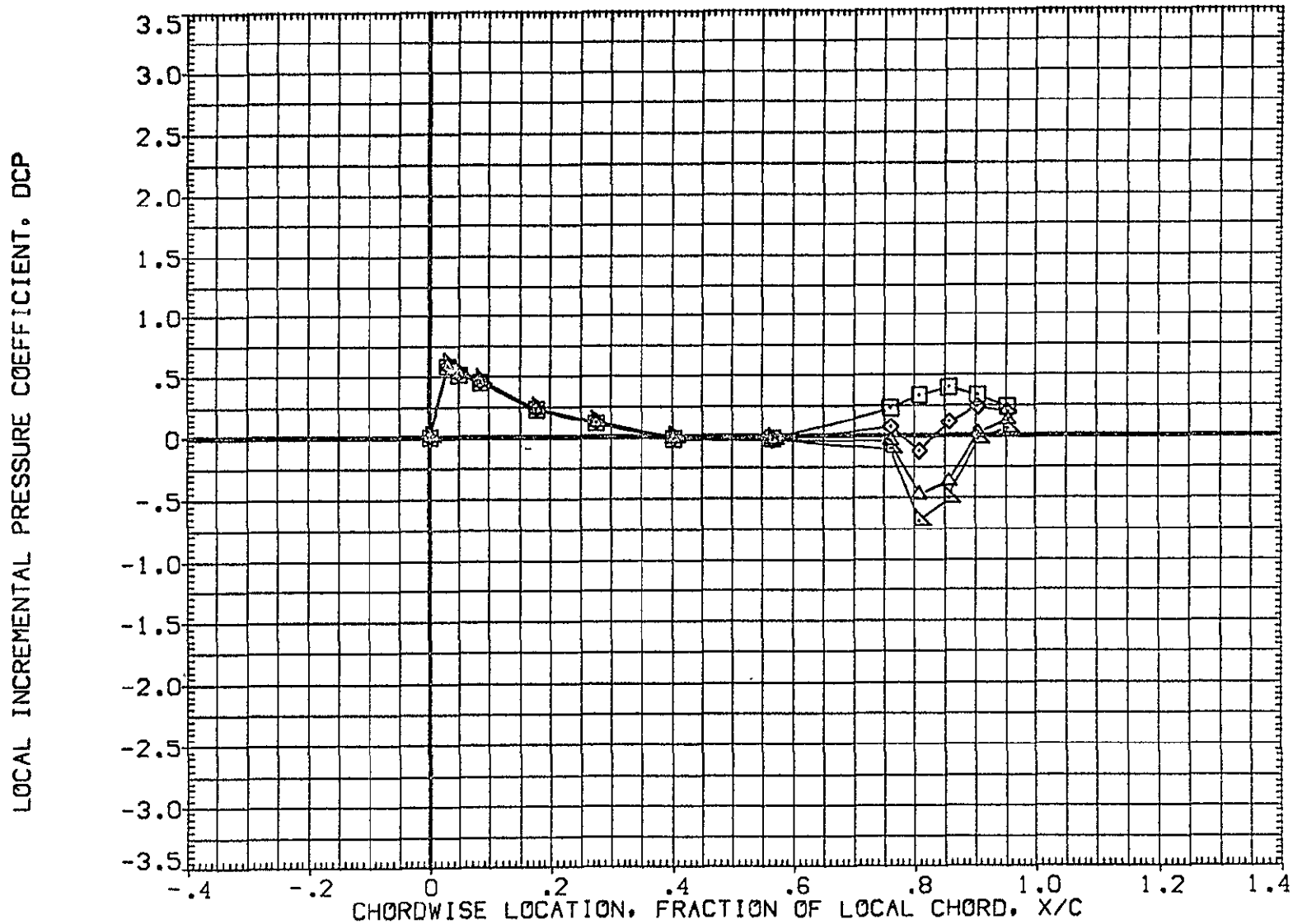

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

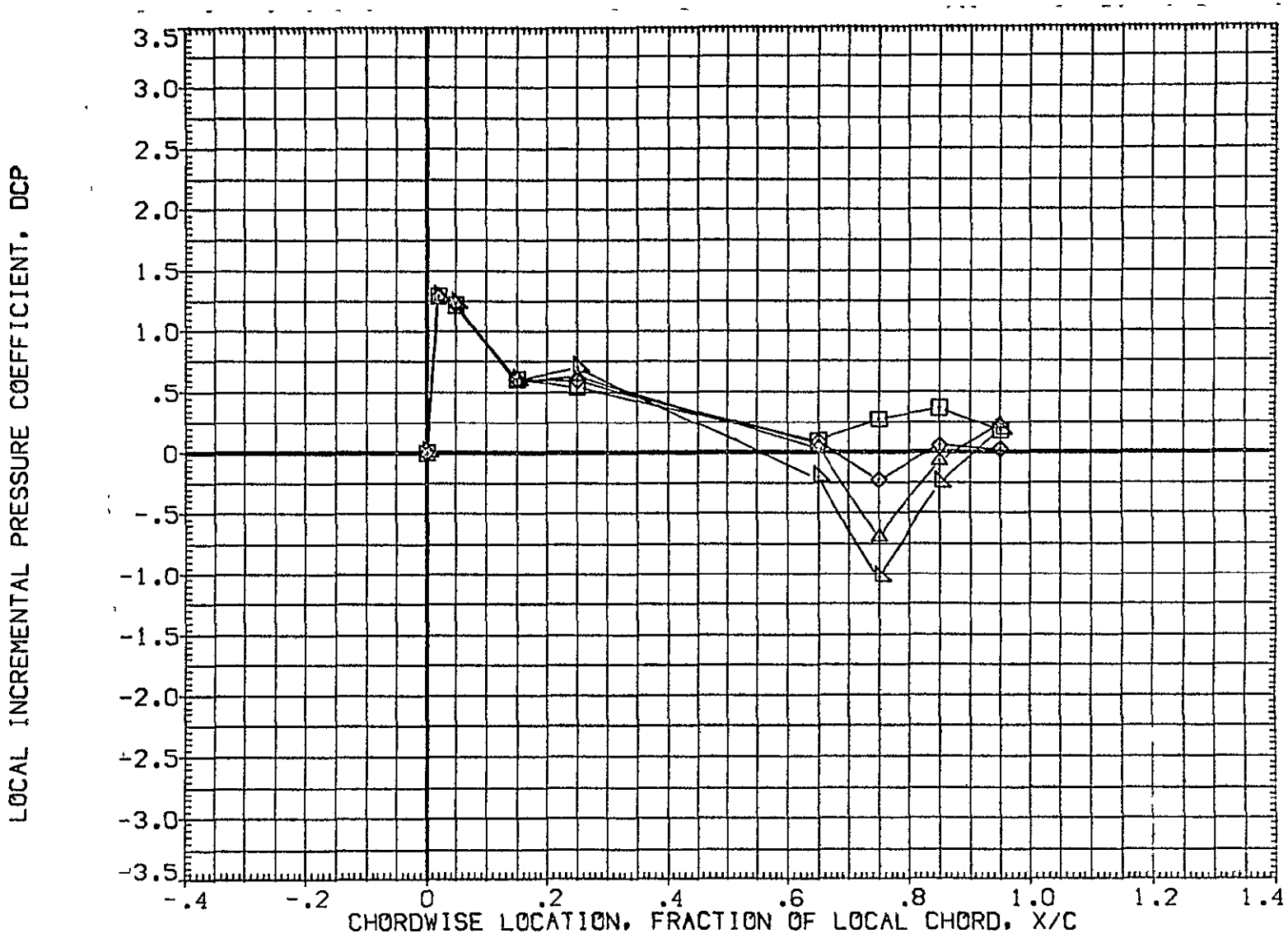

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

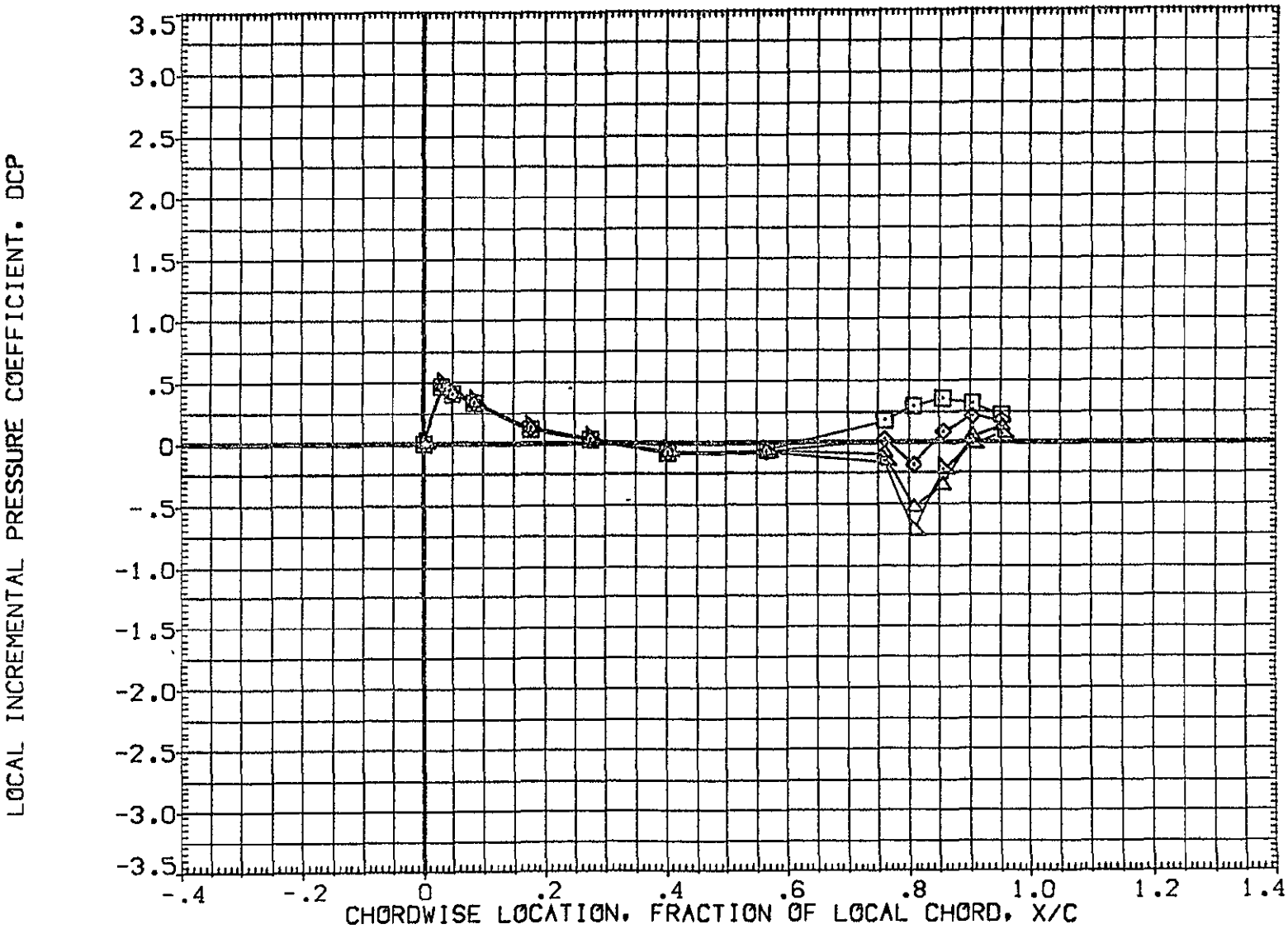

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

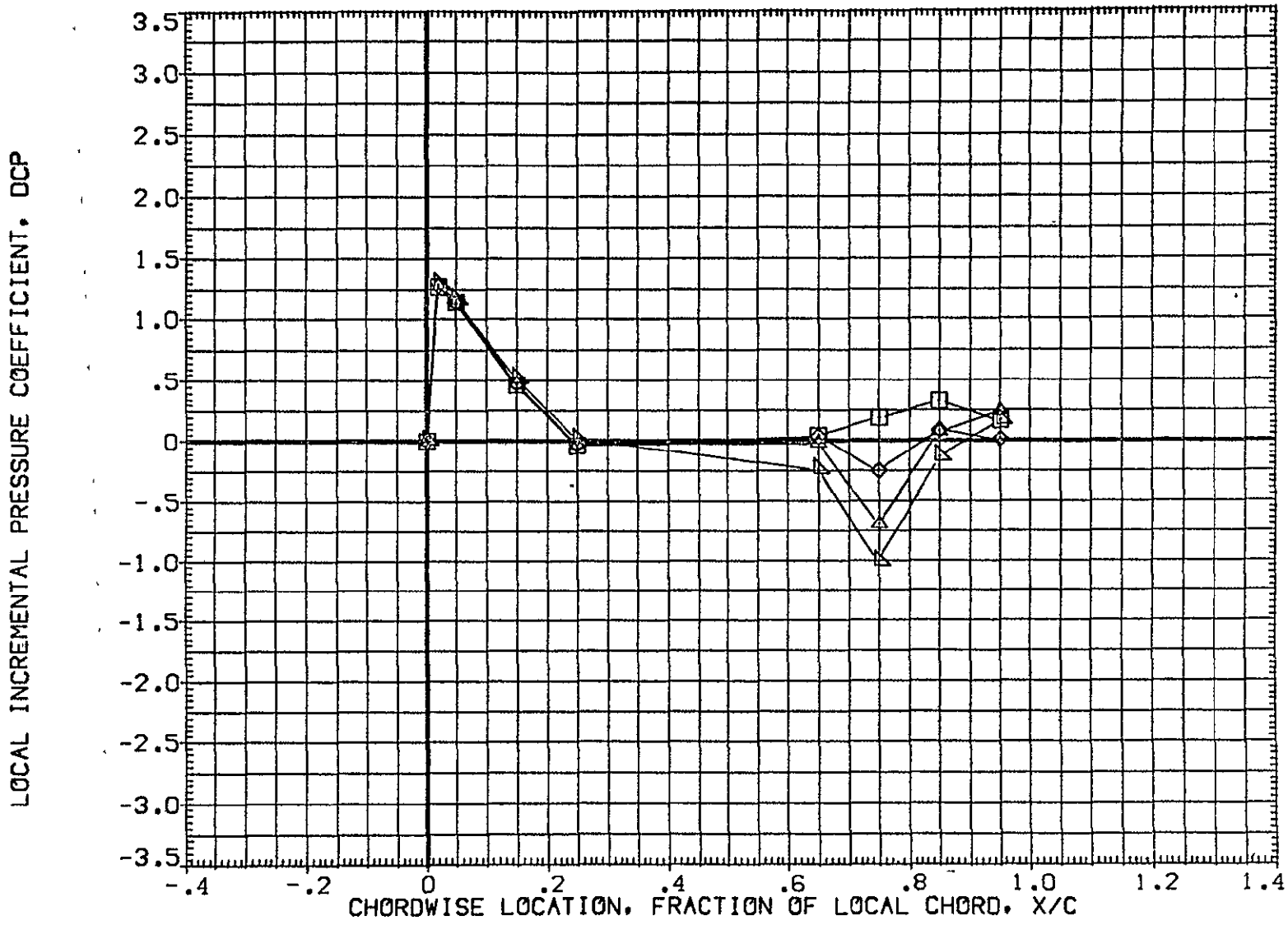

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

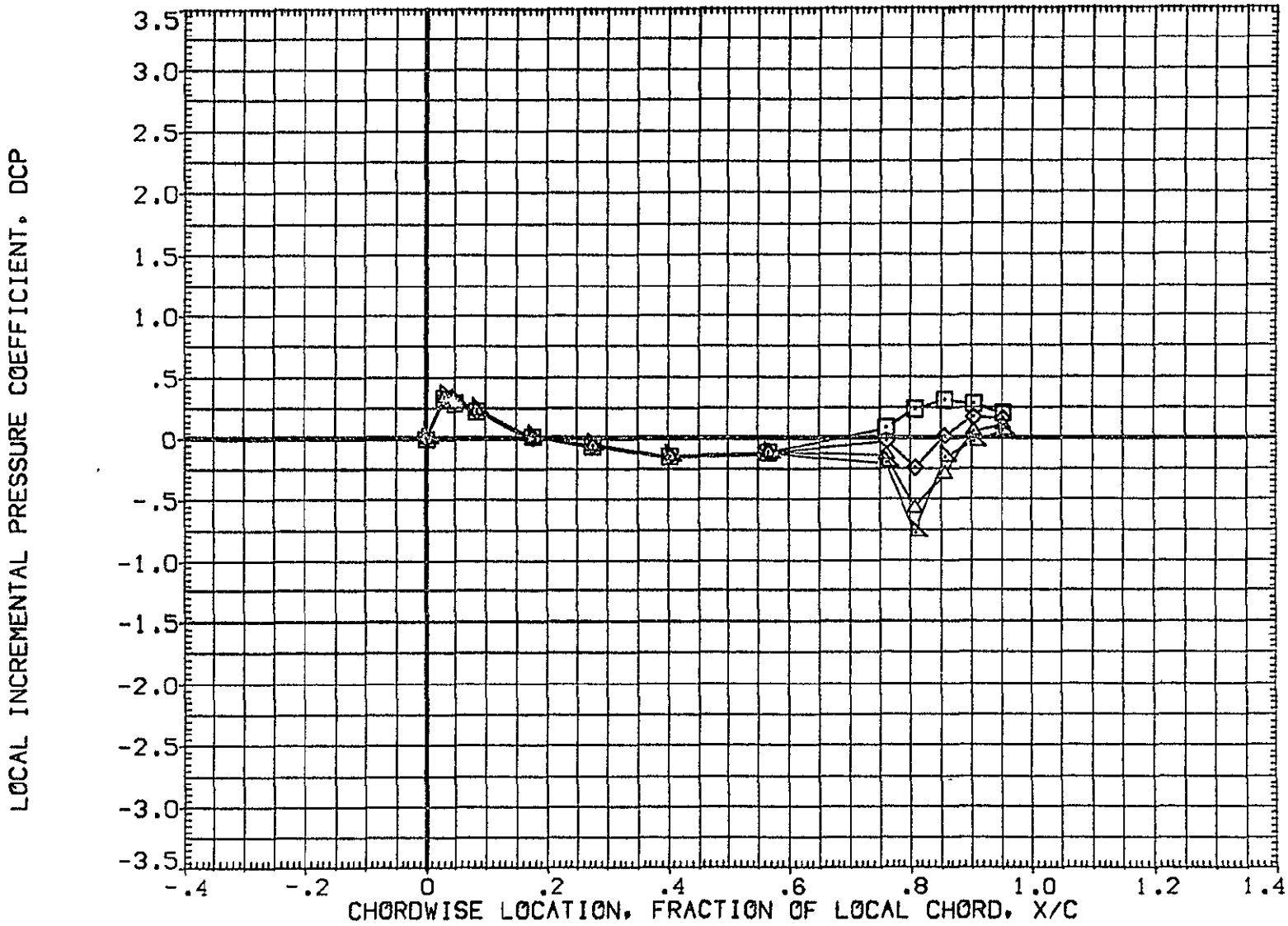

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▽	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

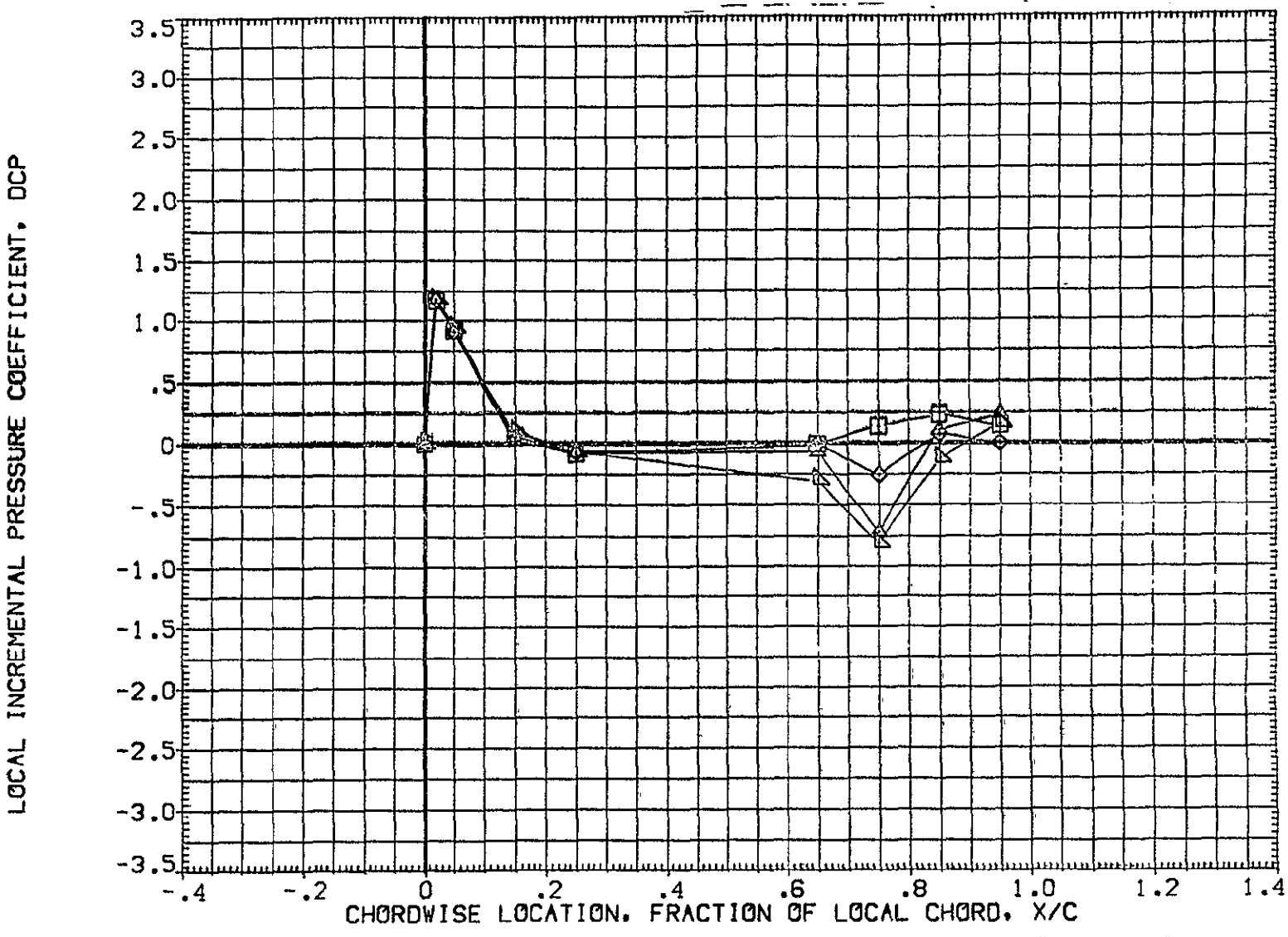

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

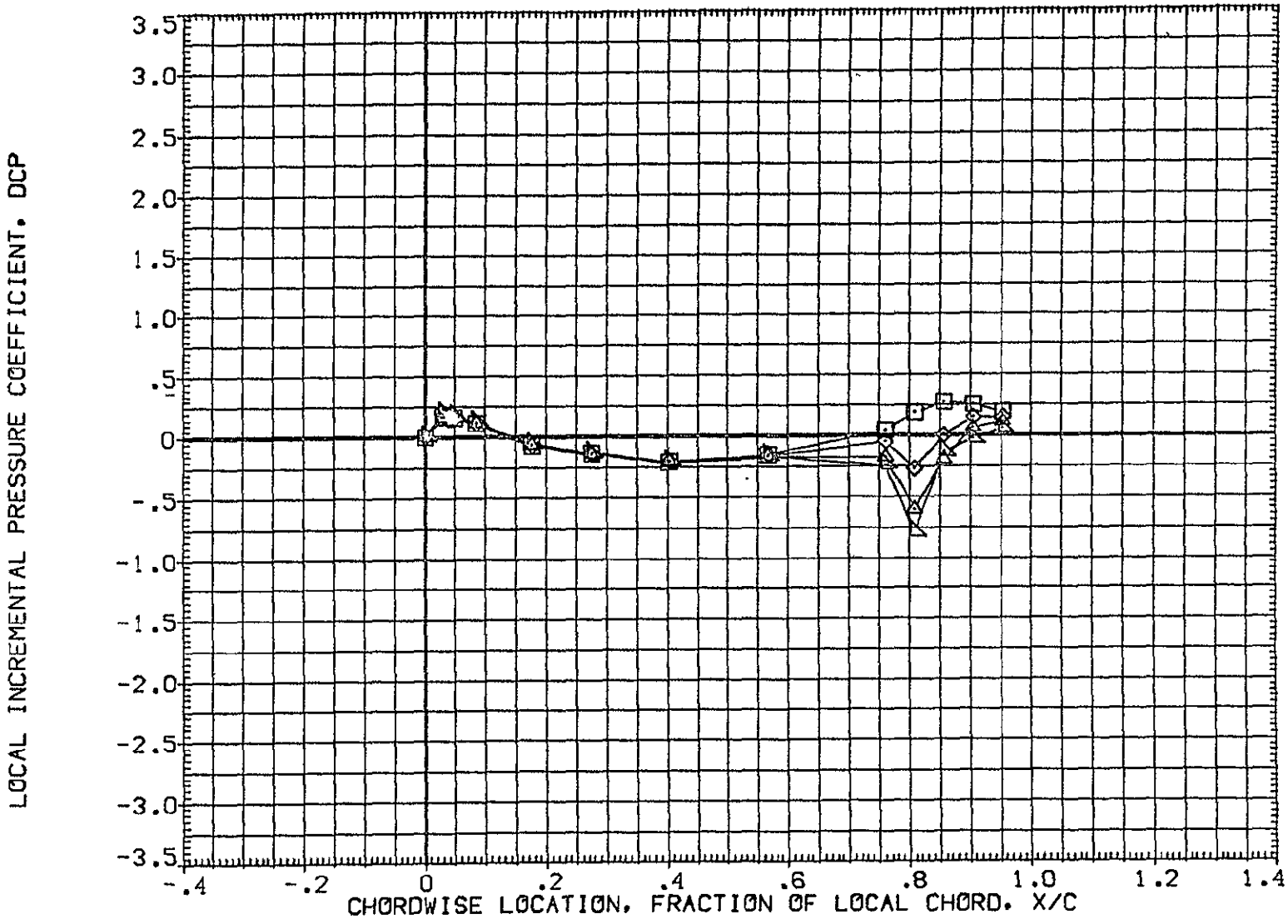

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

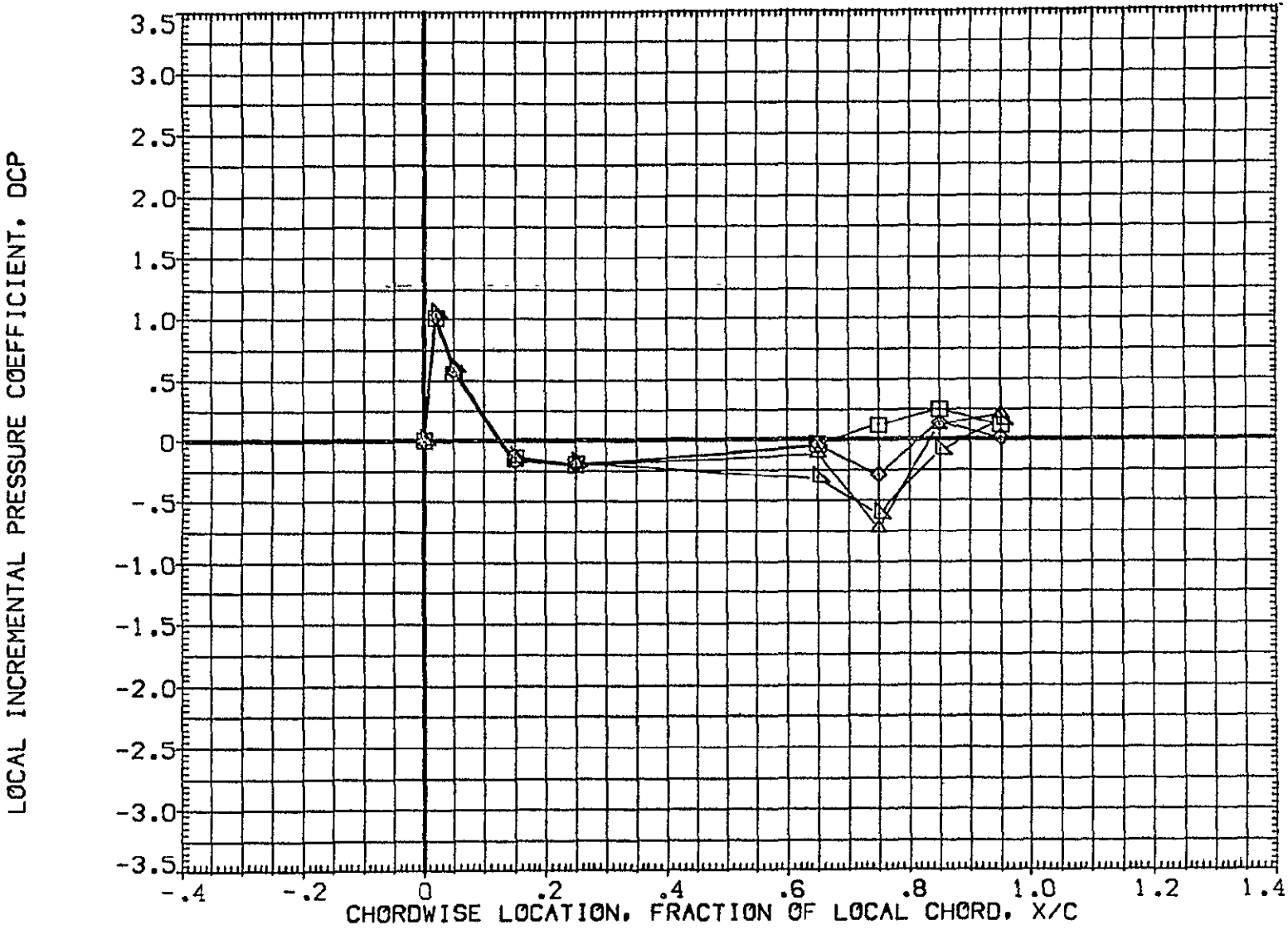

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

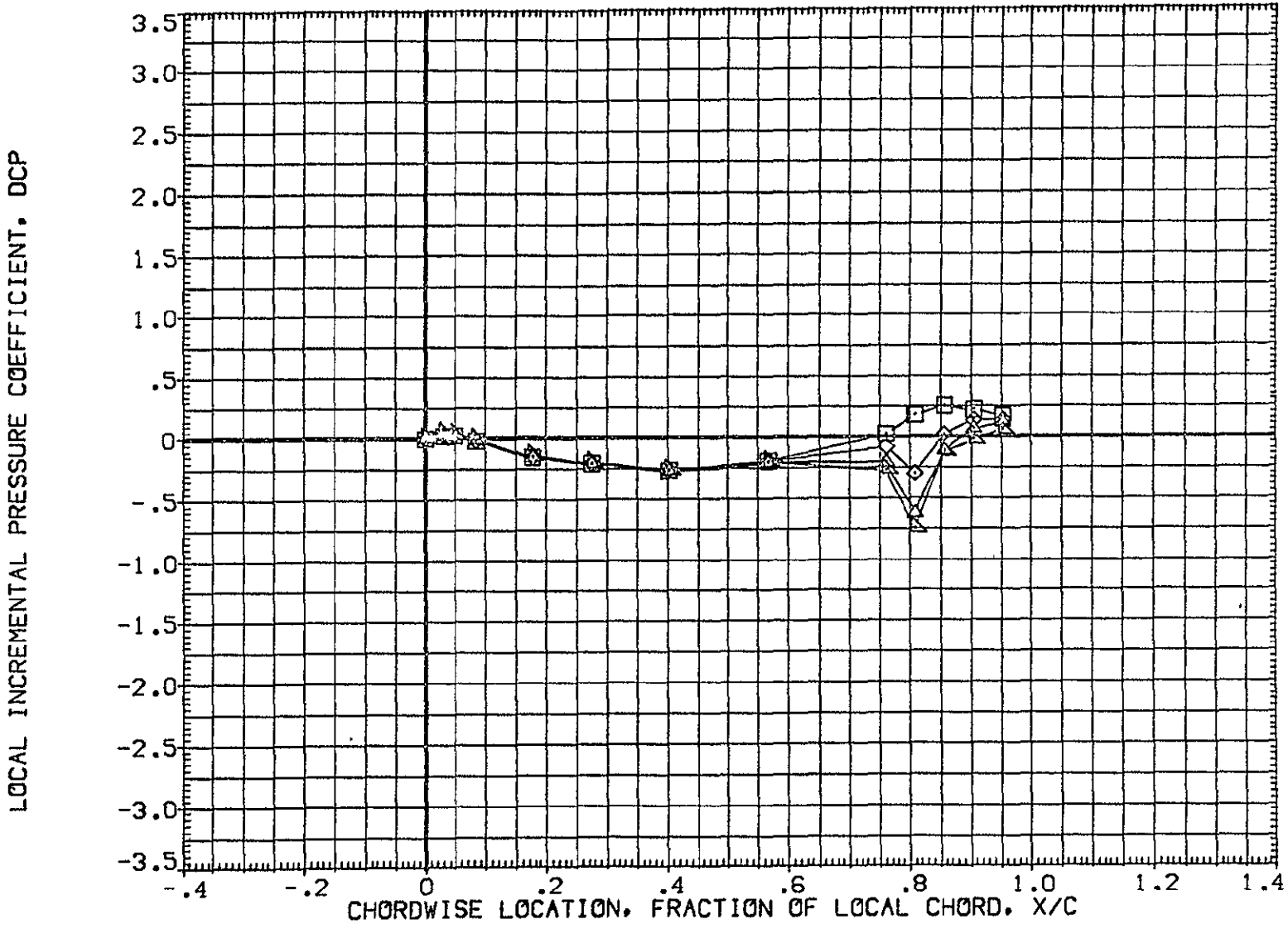

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

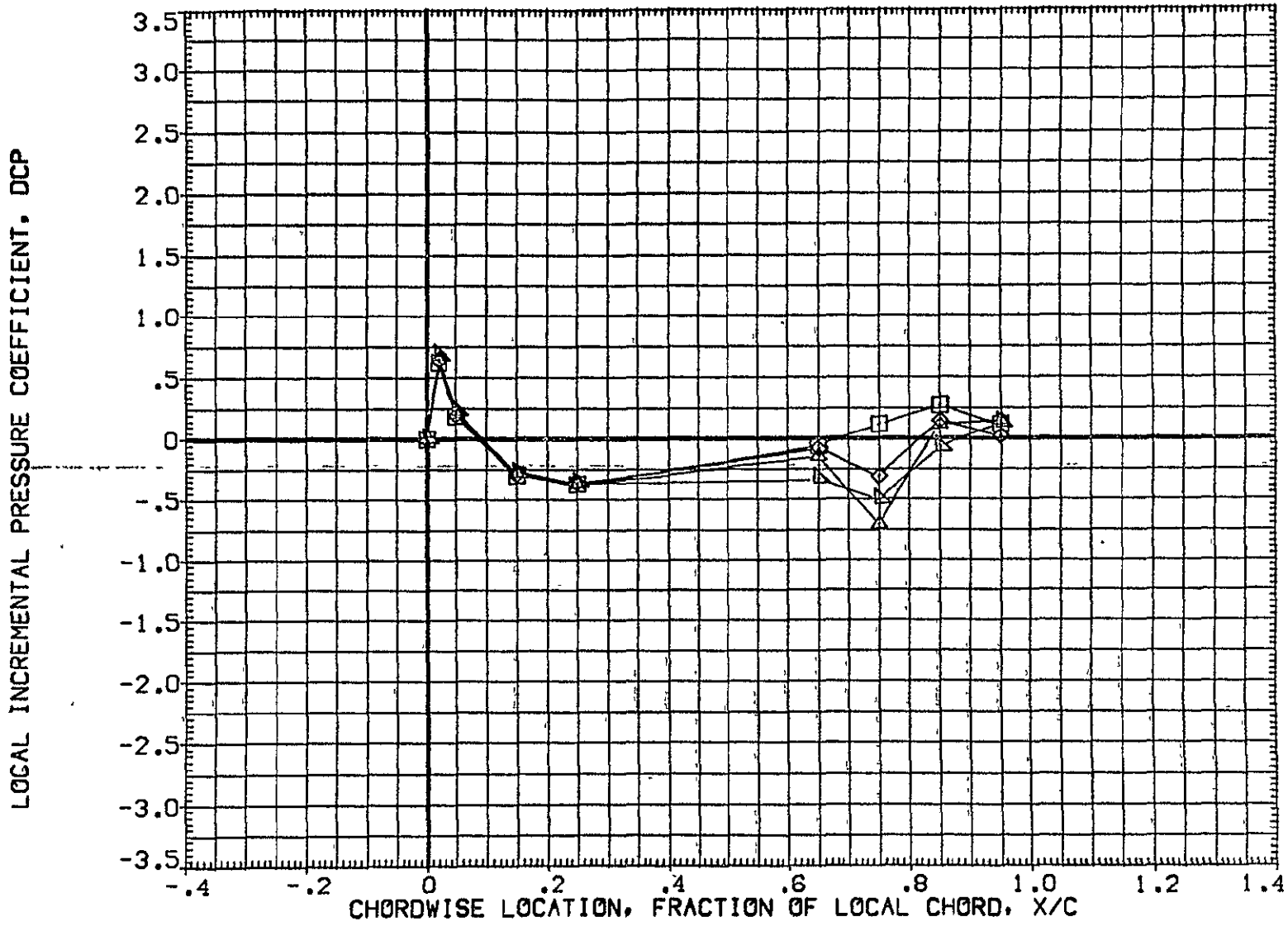

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

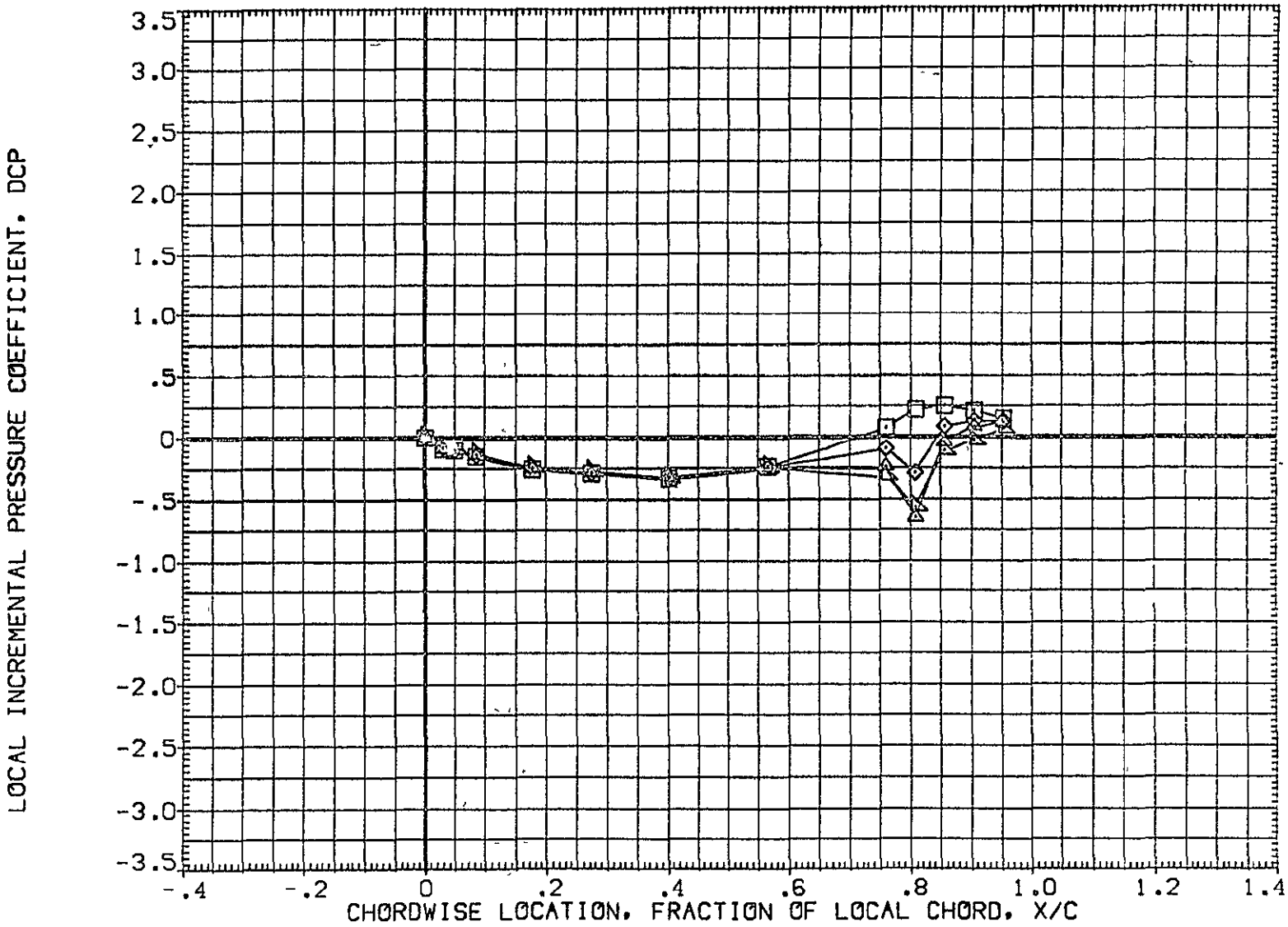

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	◺	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

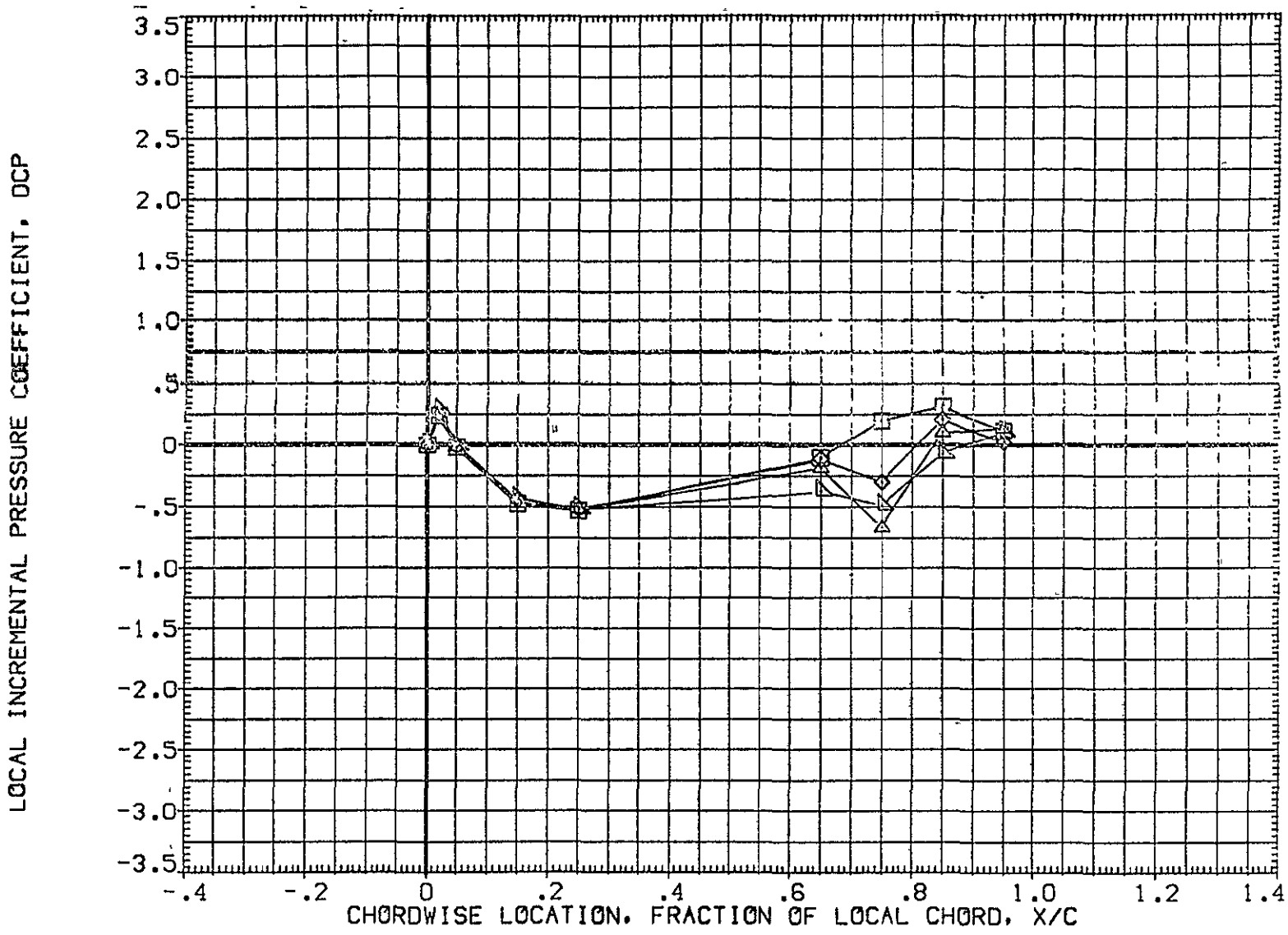

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

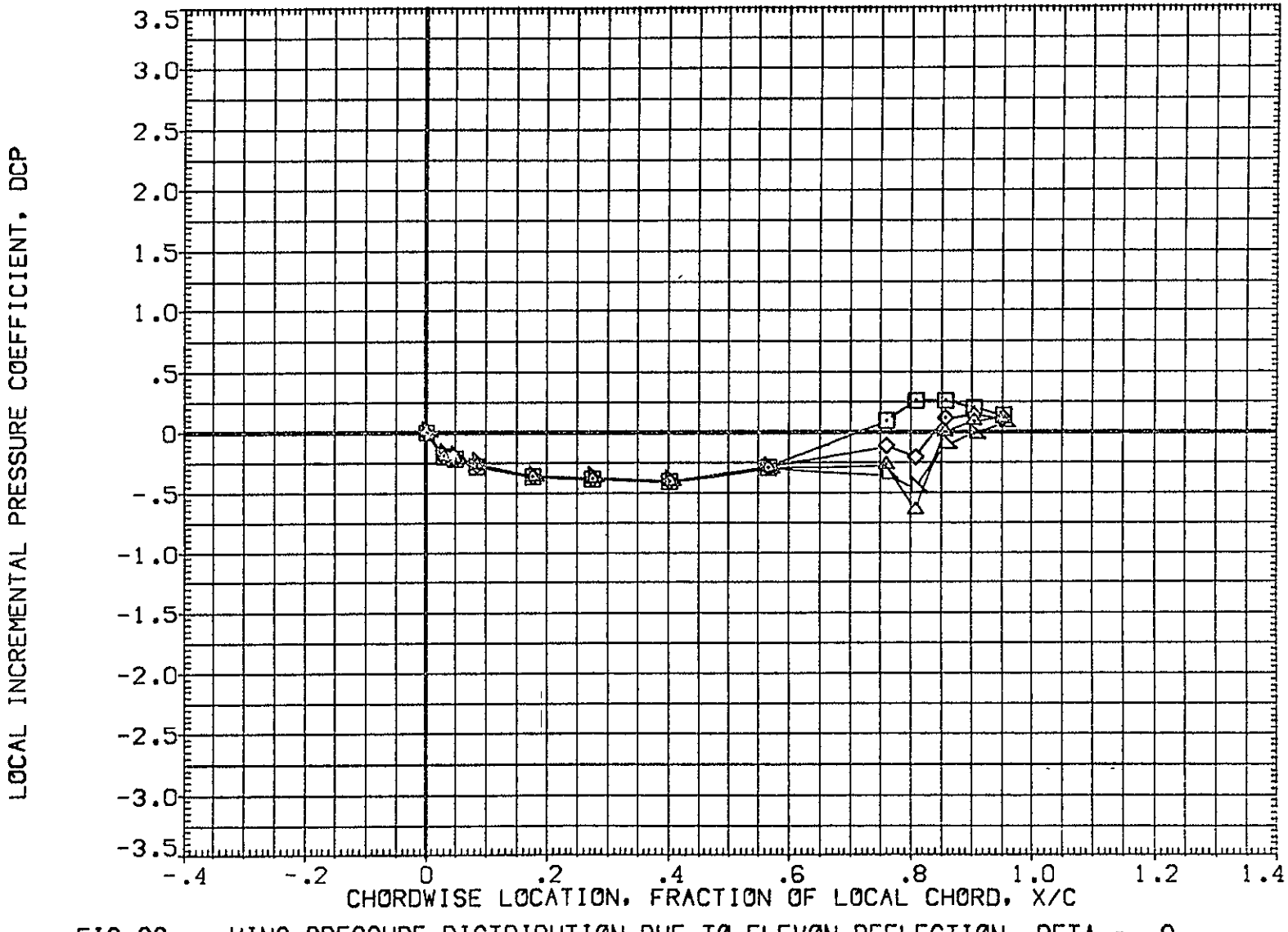

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▷	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

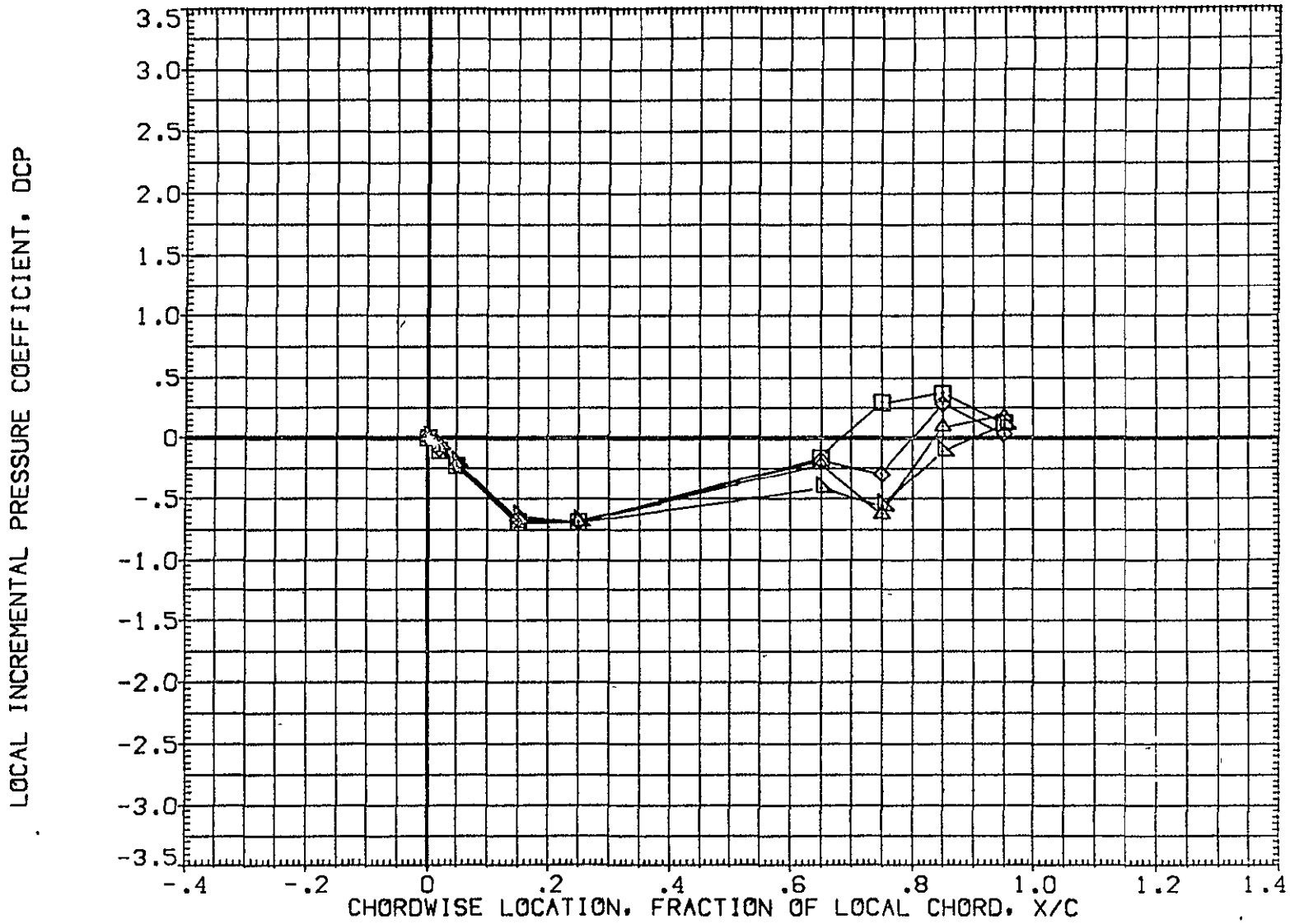

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

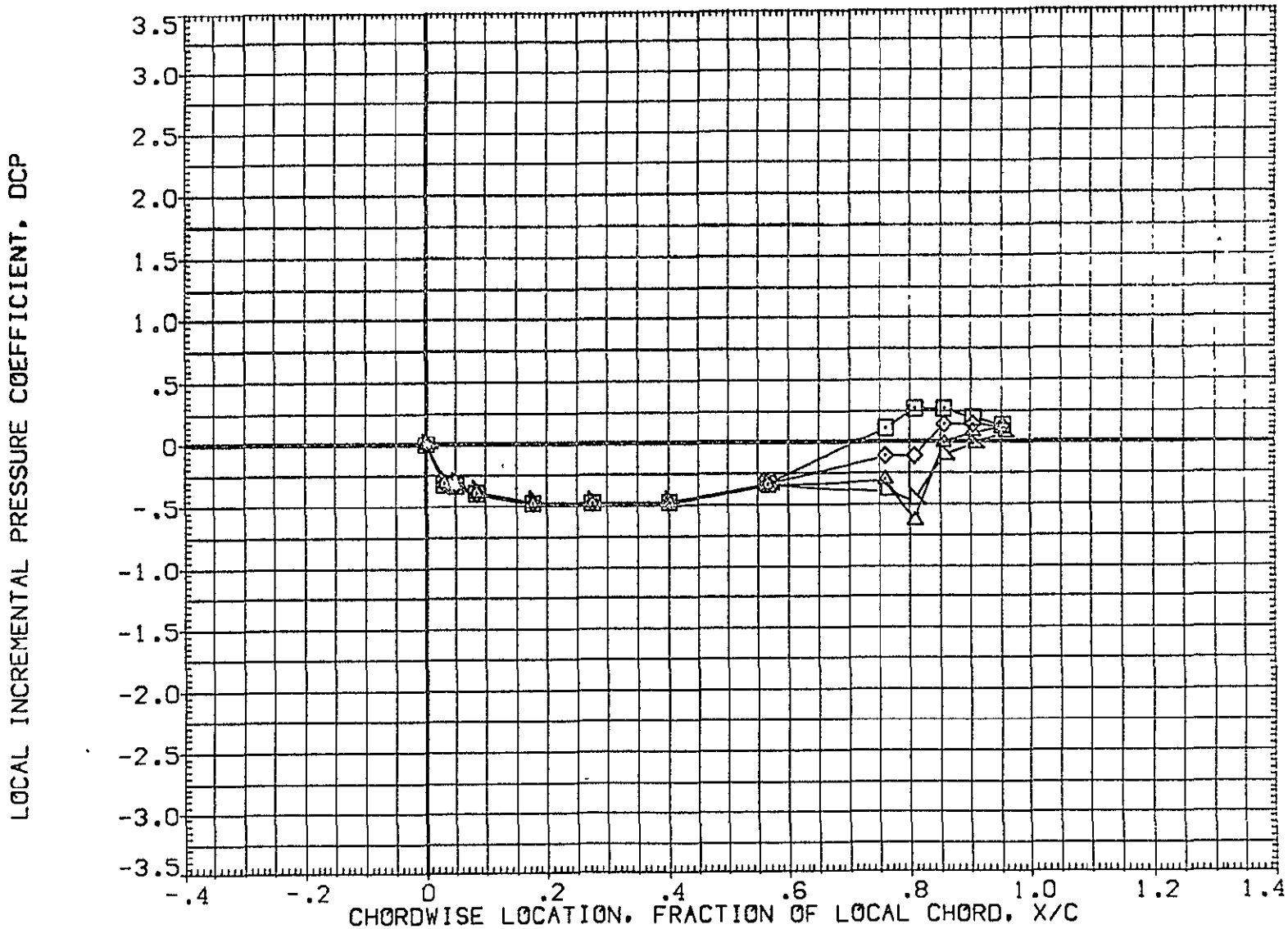

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

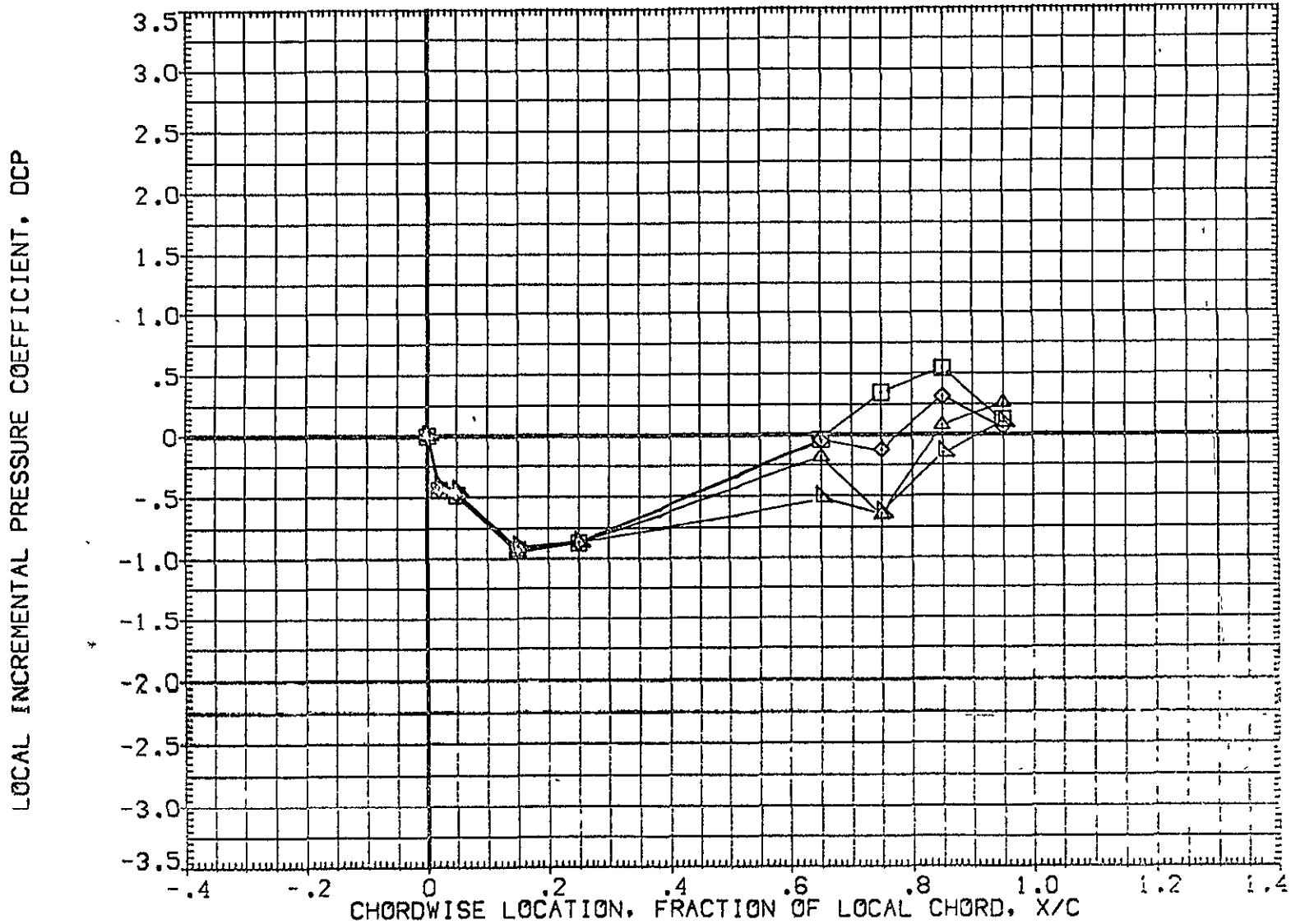

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE				-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7052)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7057)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7062)	▷	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

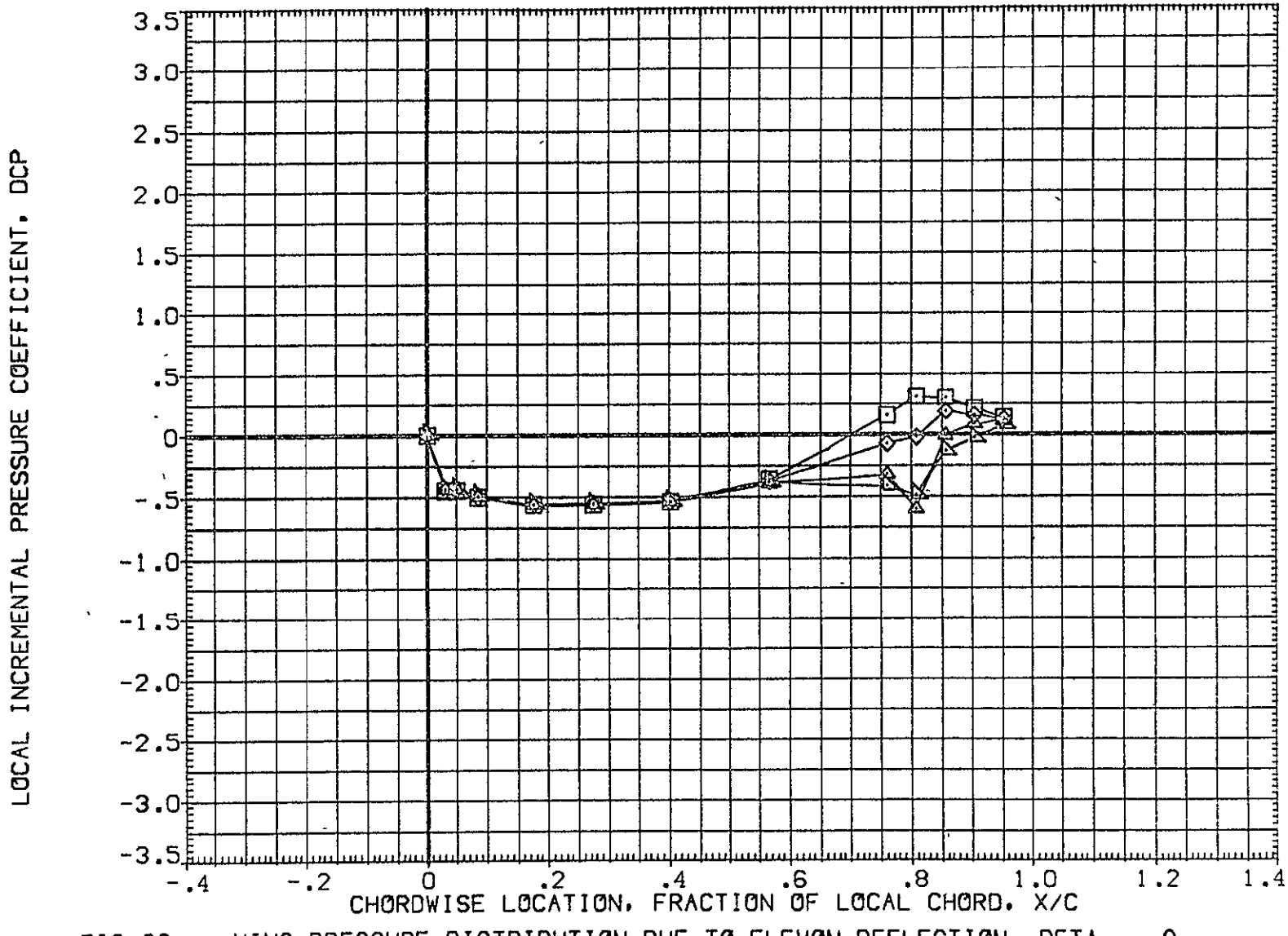

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

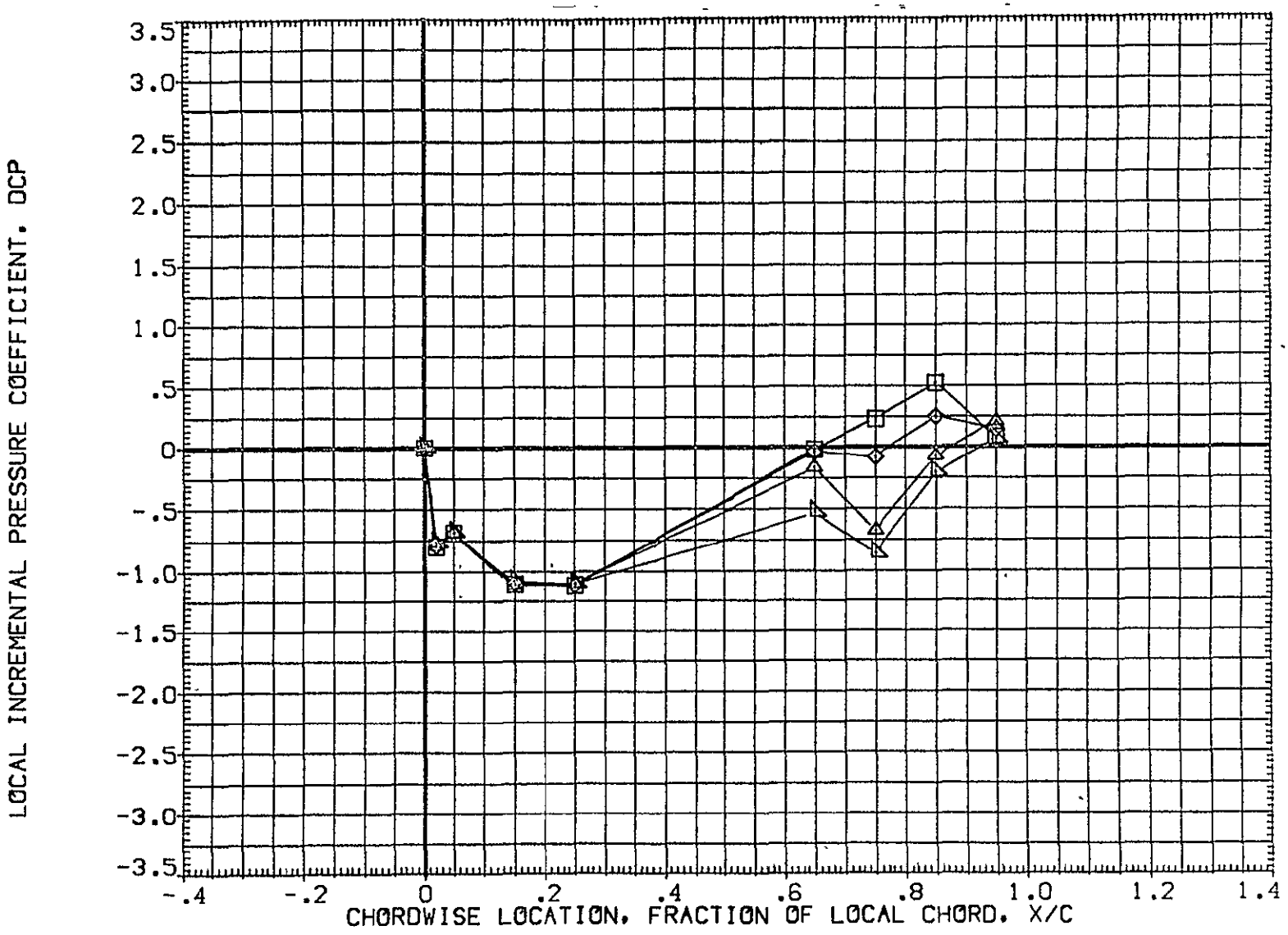

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

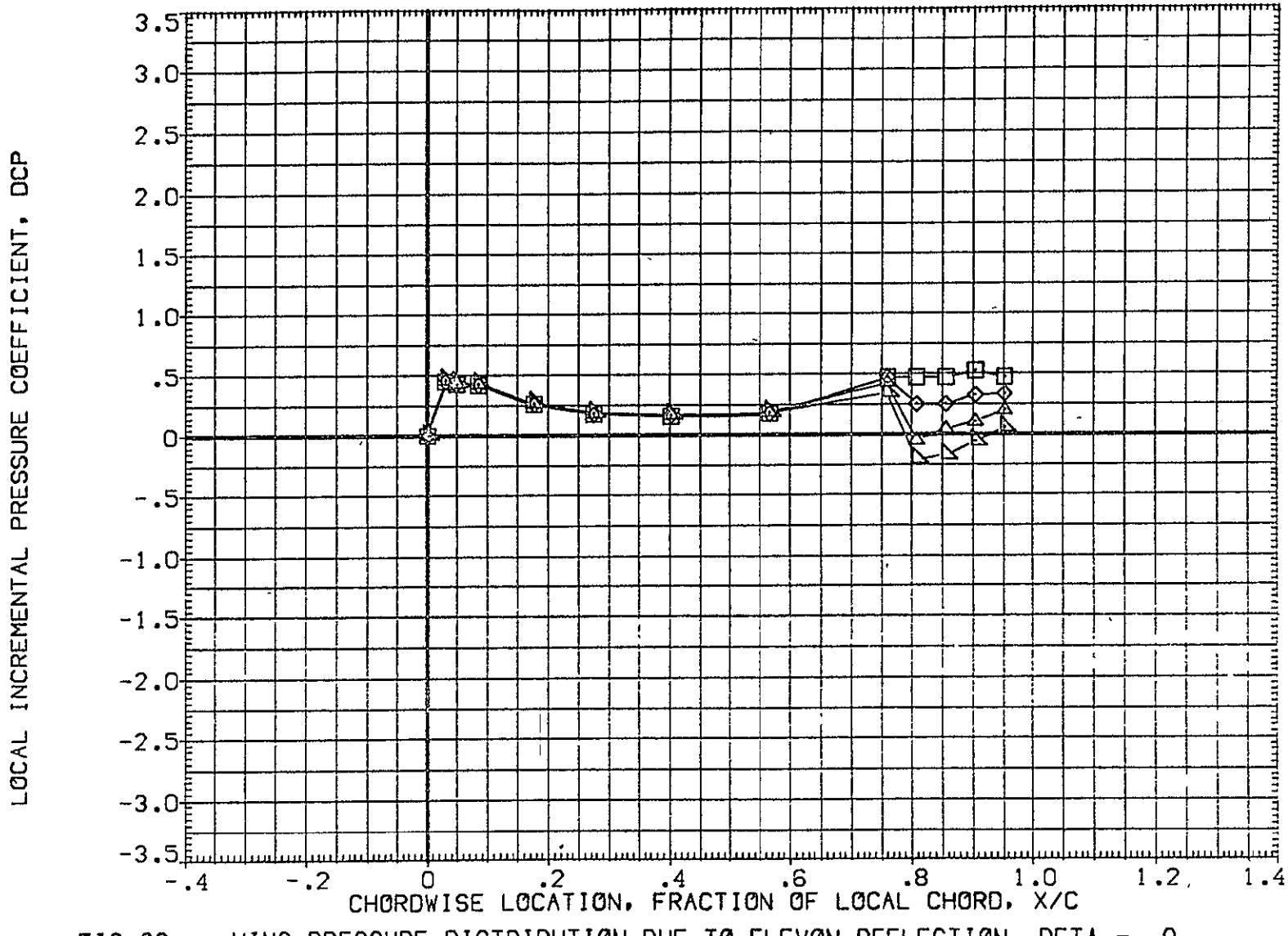

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

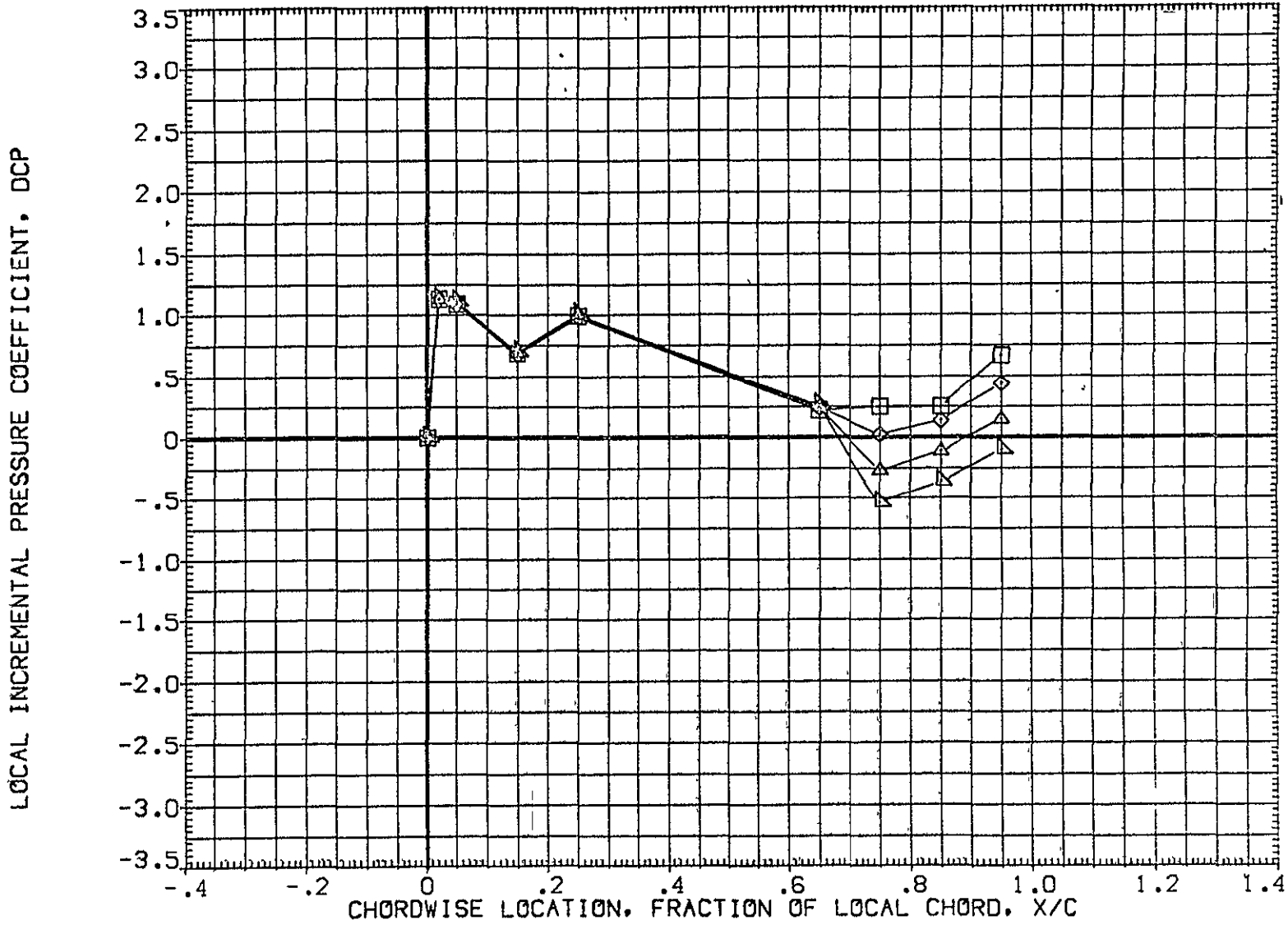

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

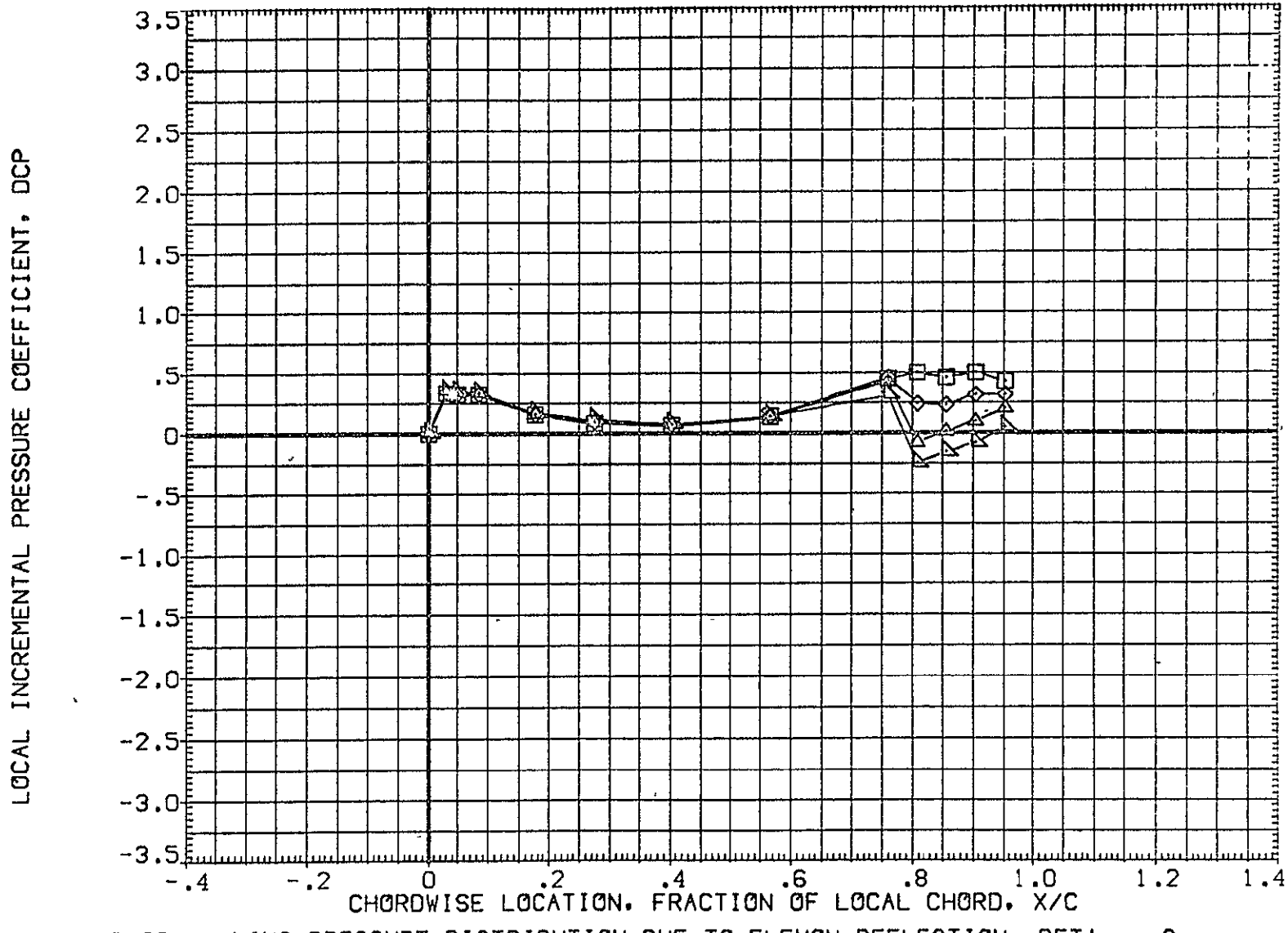

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

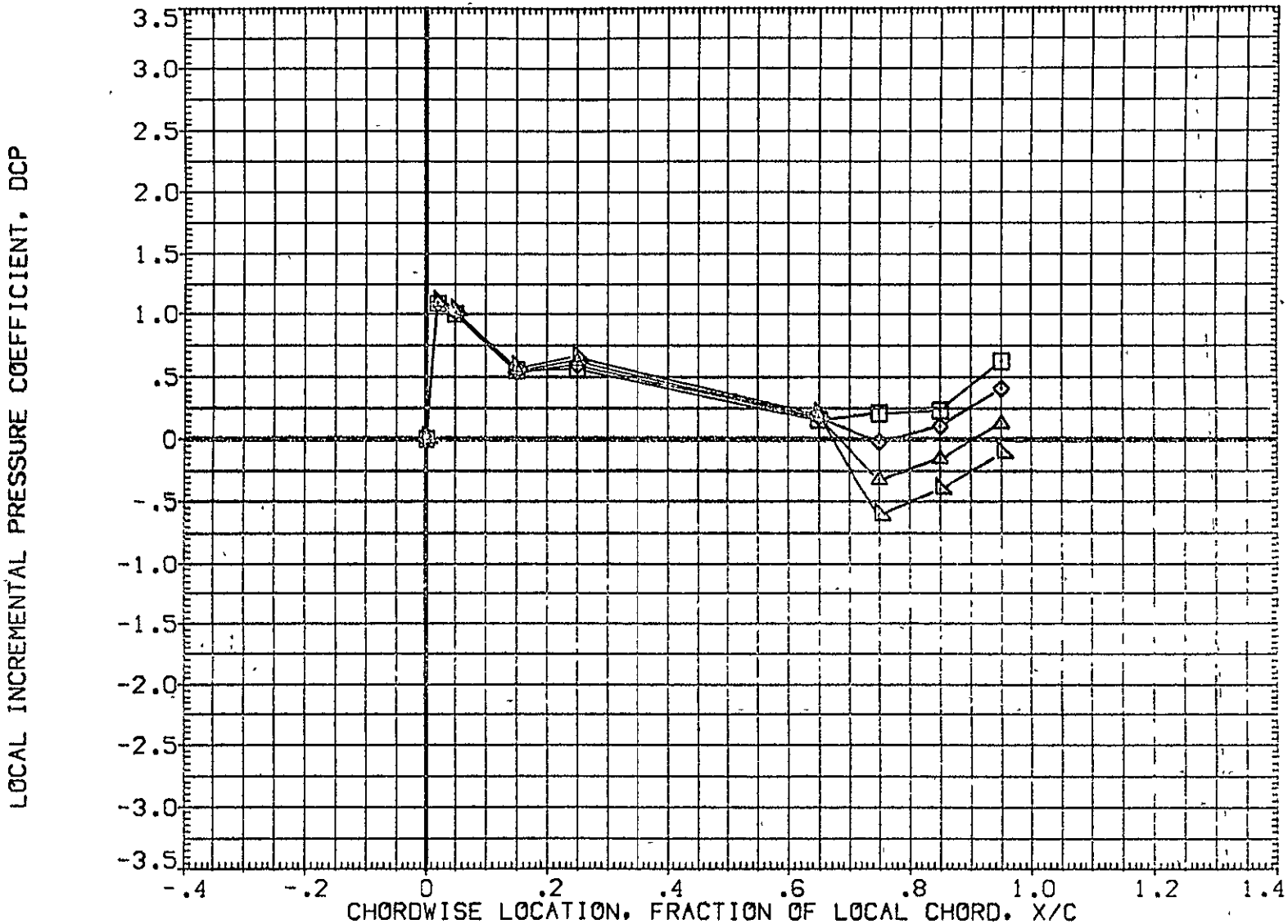

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

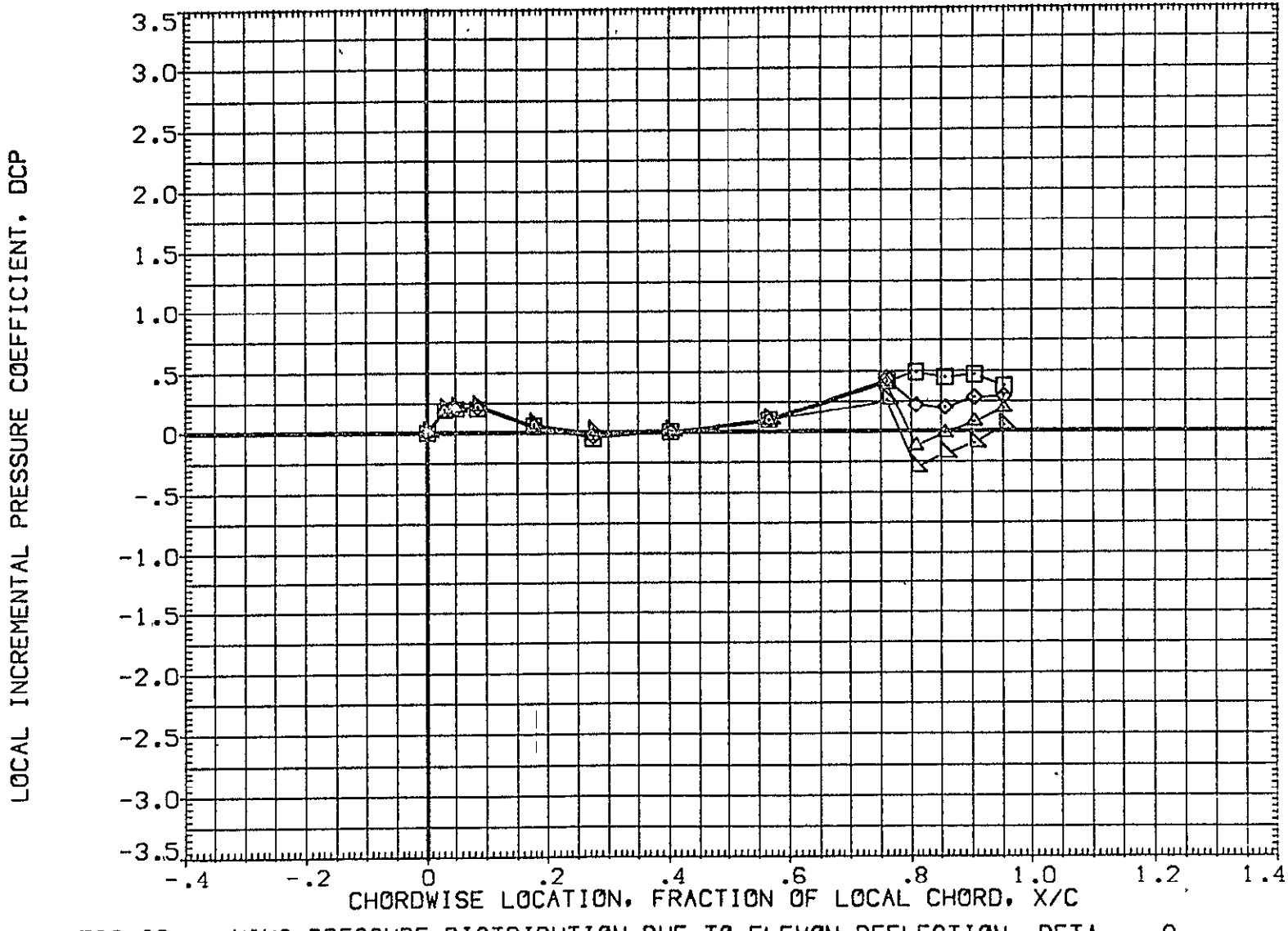

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	◺	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

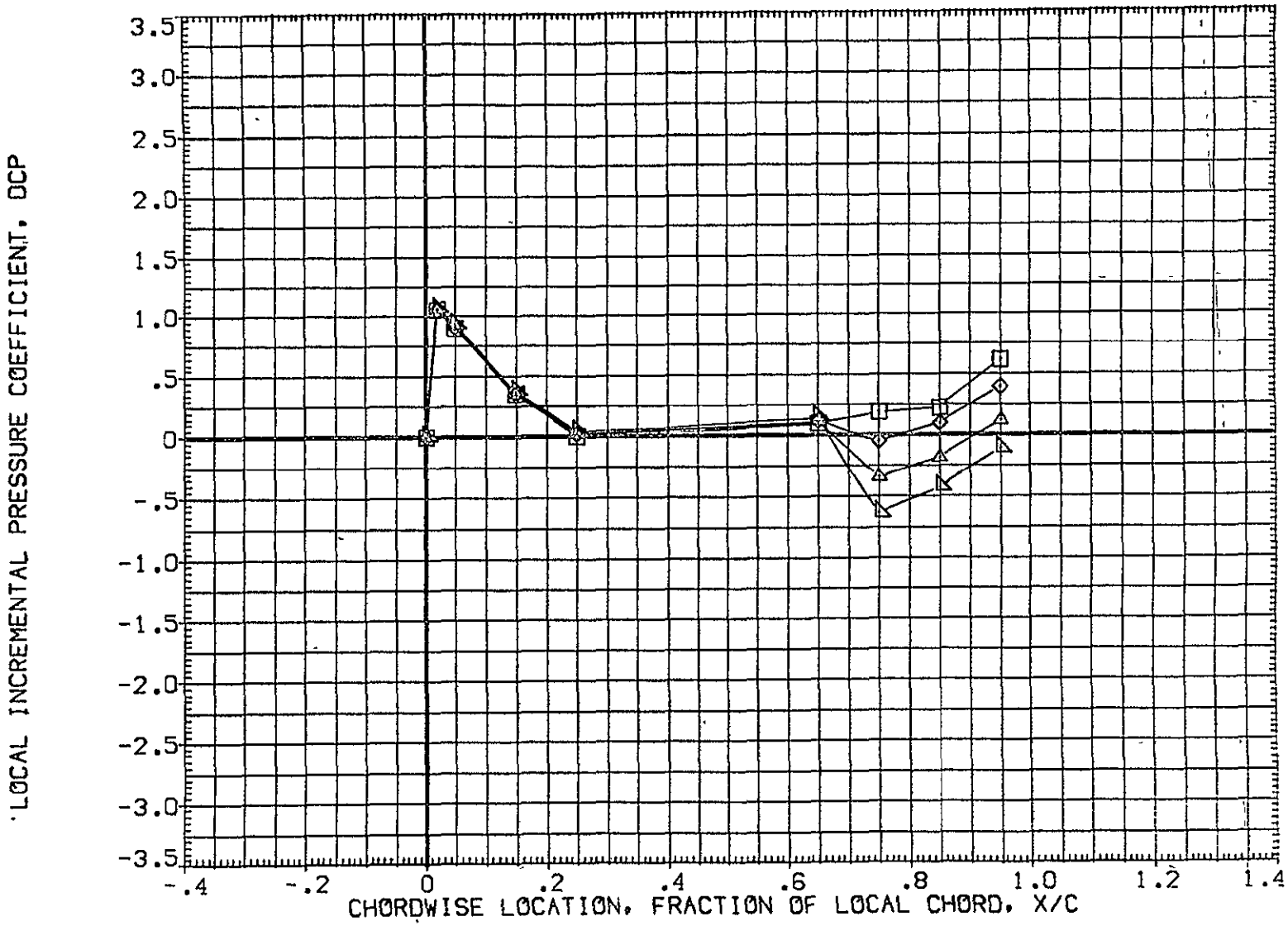

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	◺	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

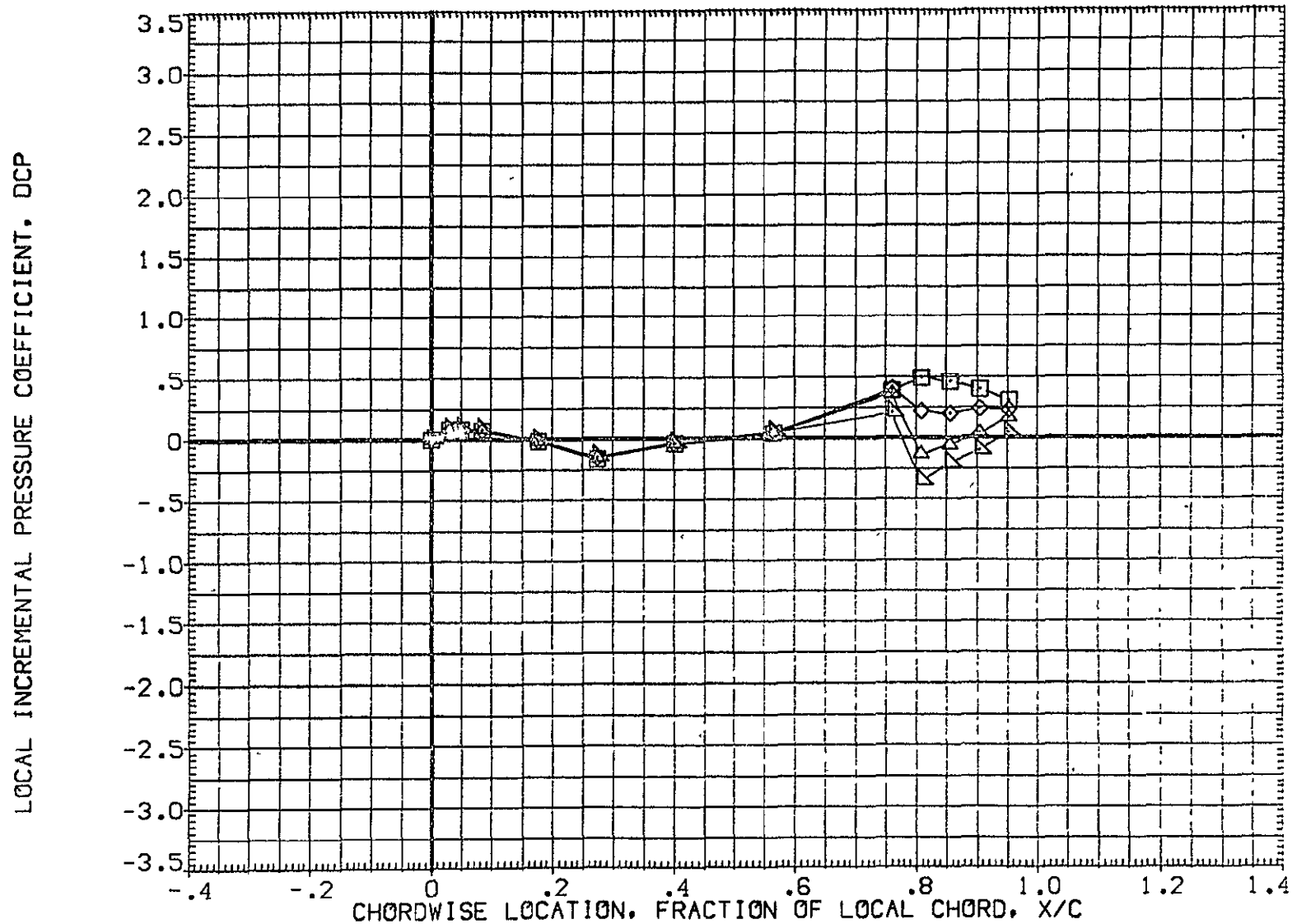

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

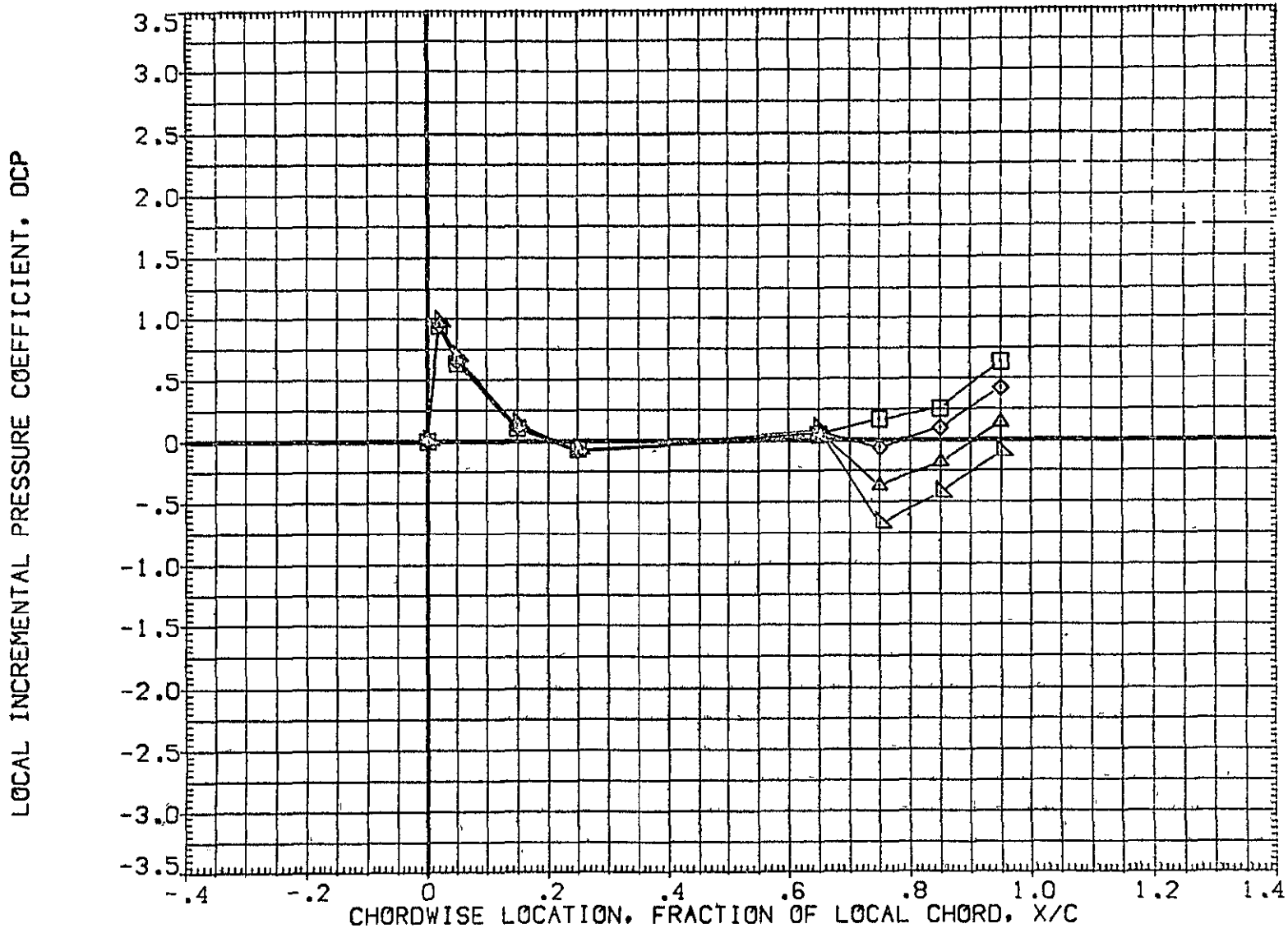

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

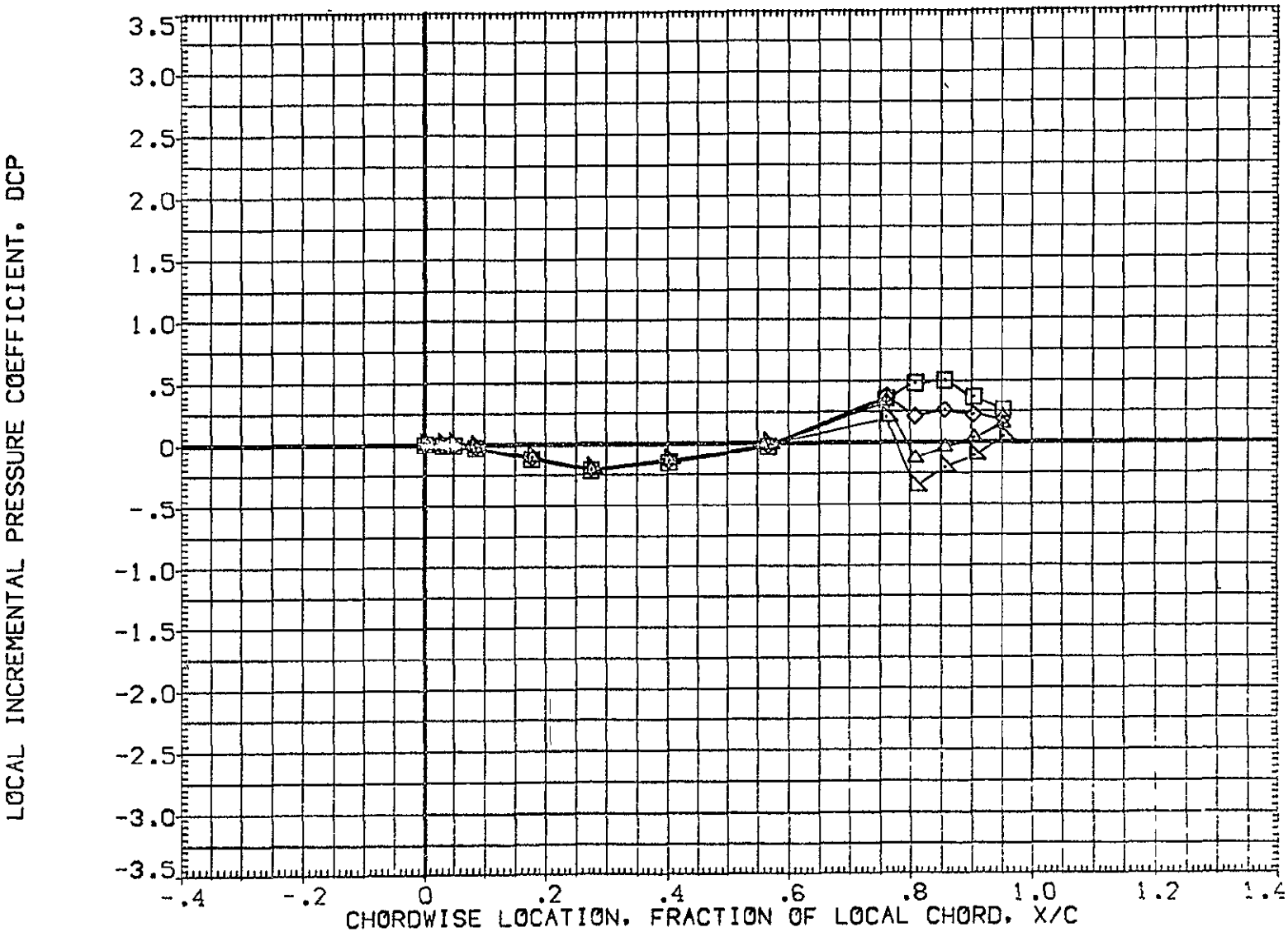

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

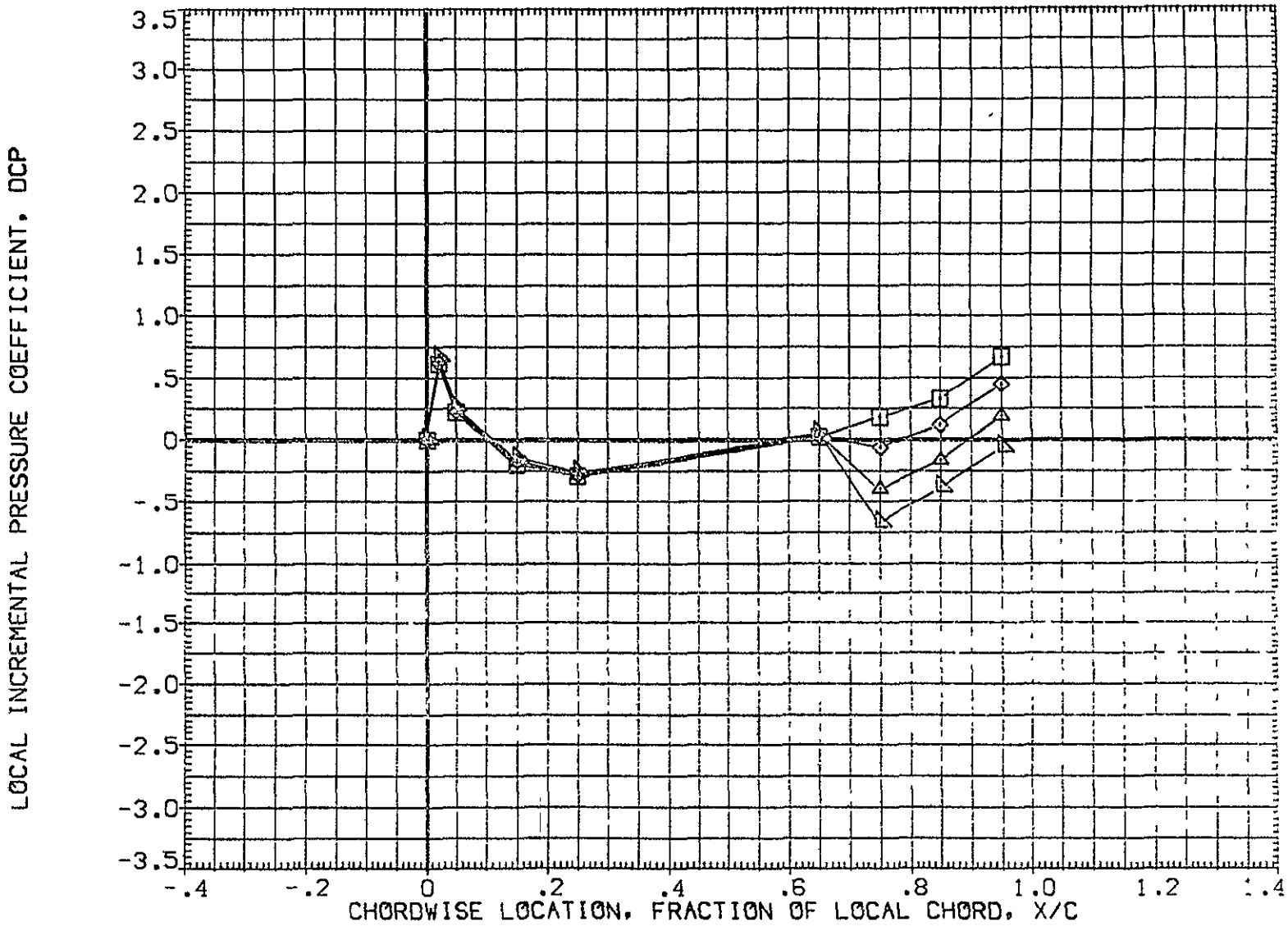

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	◁	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

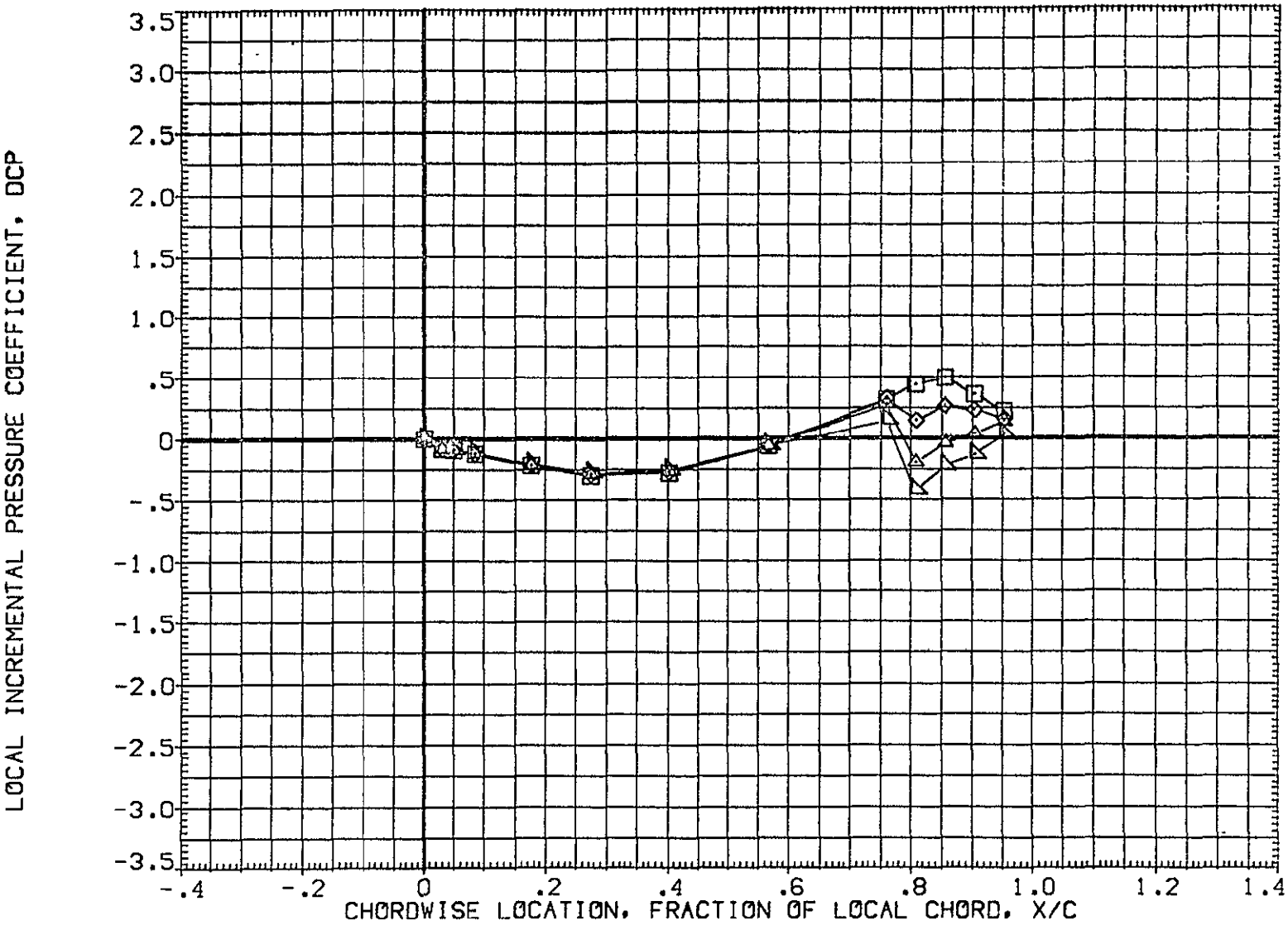

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

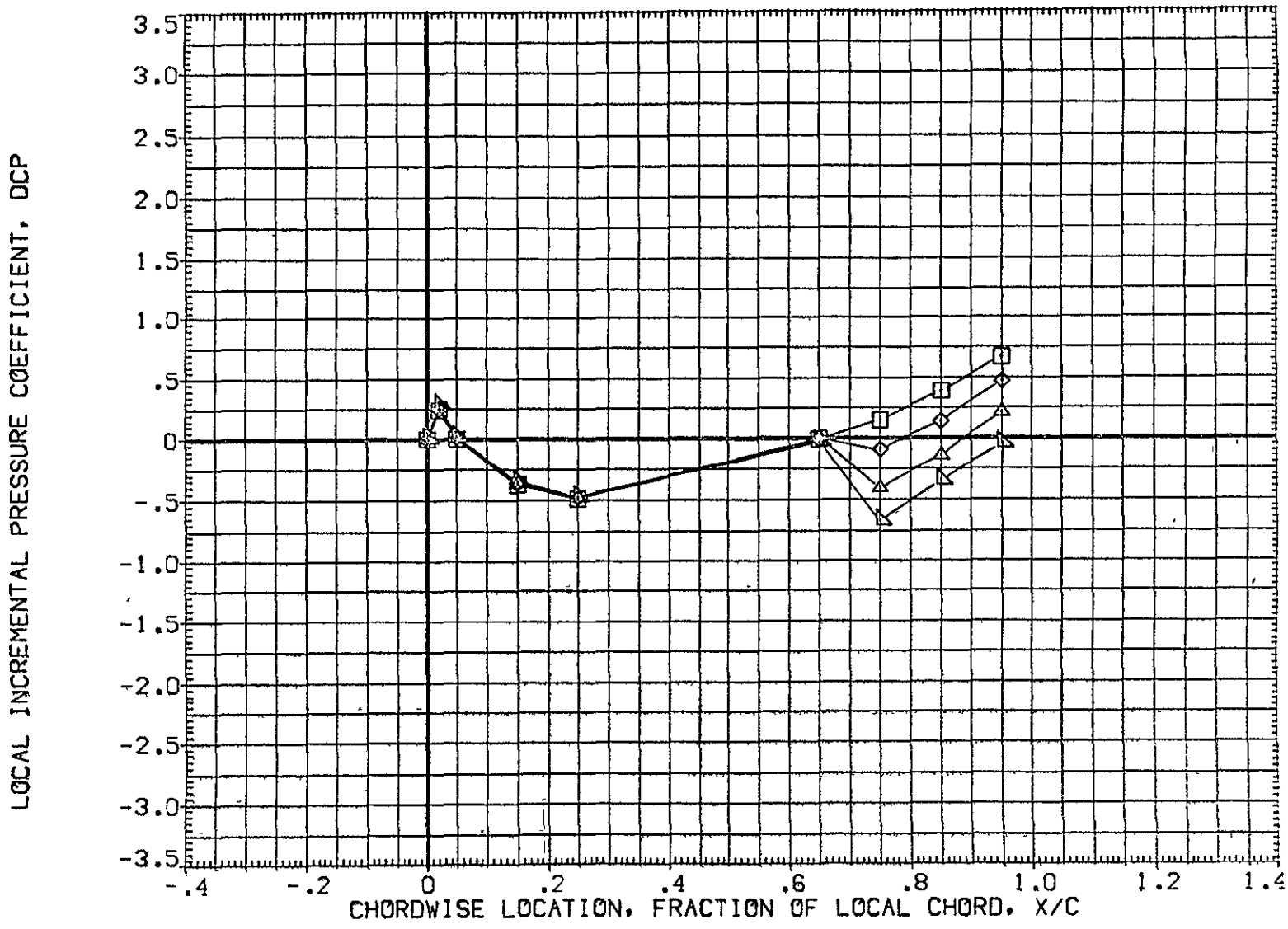

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

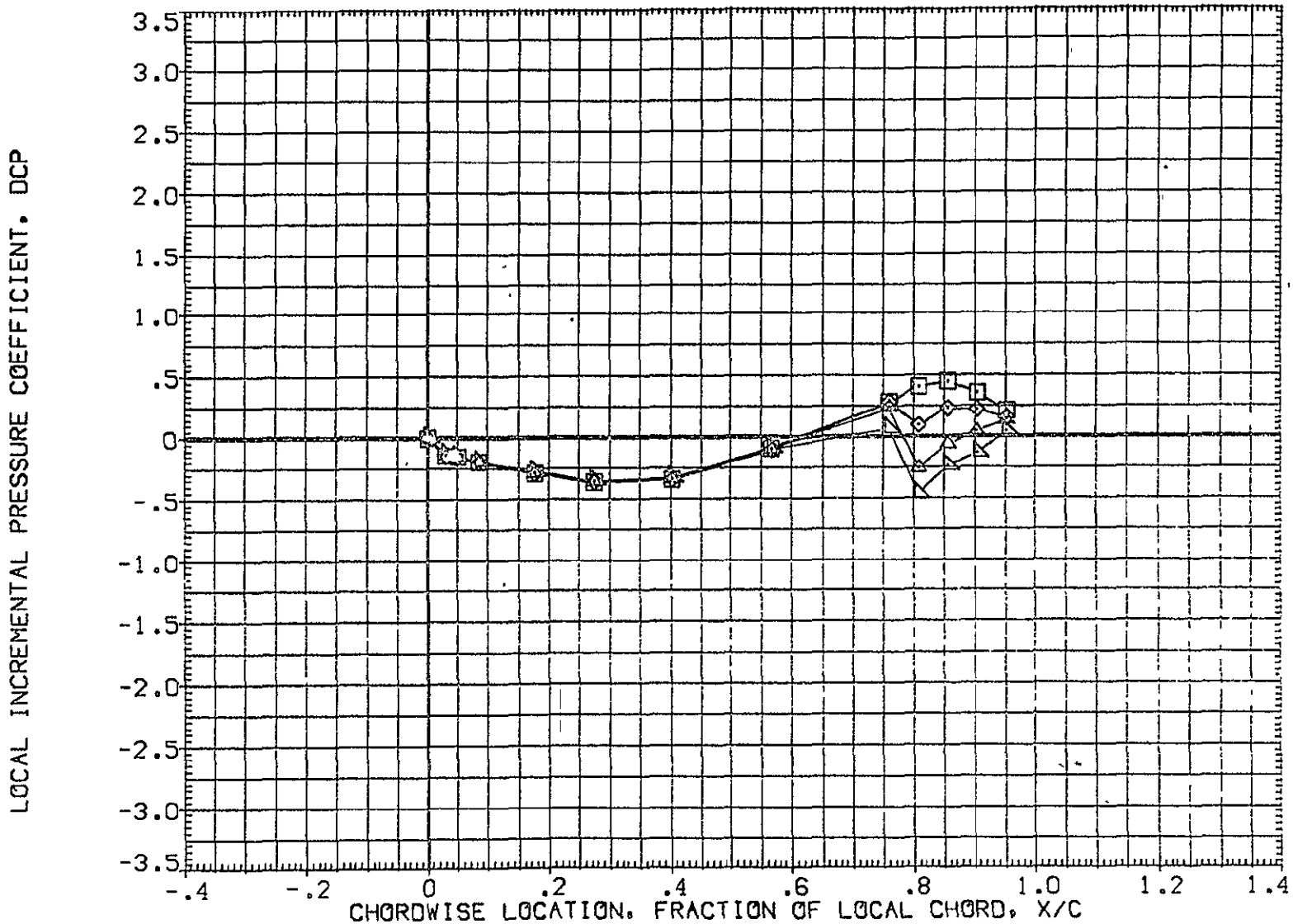

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

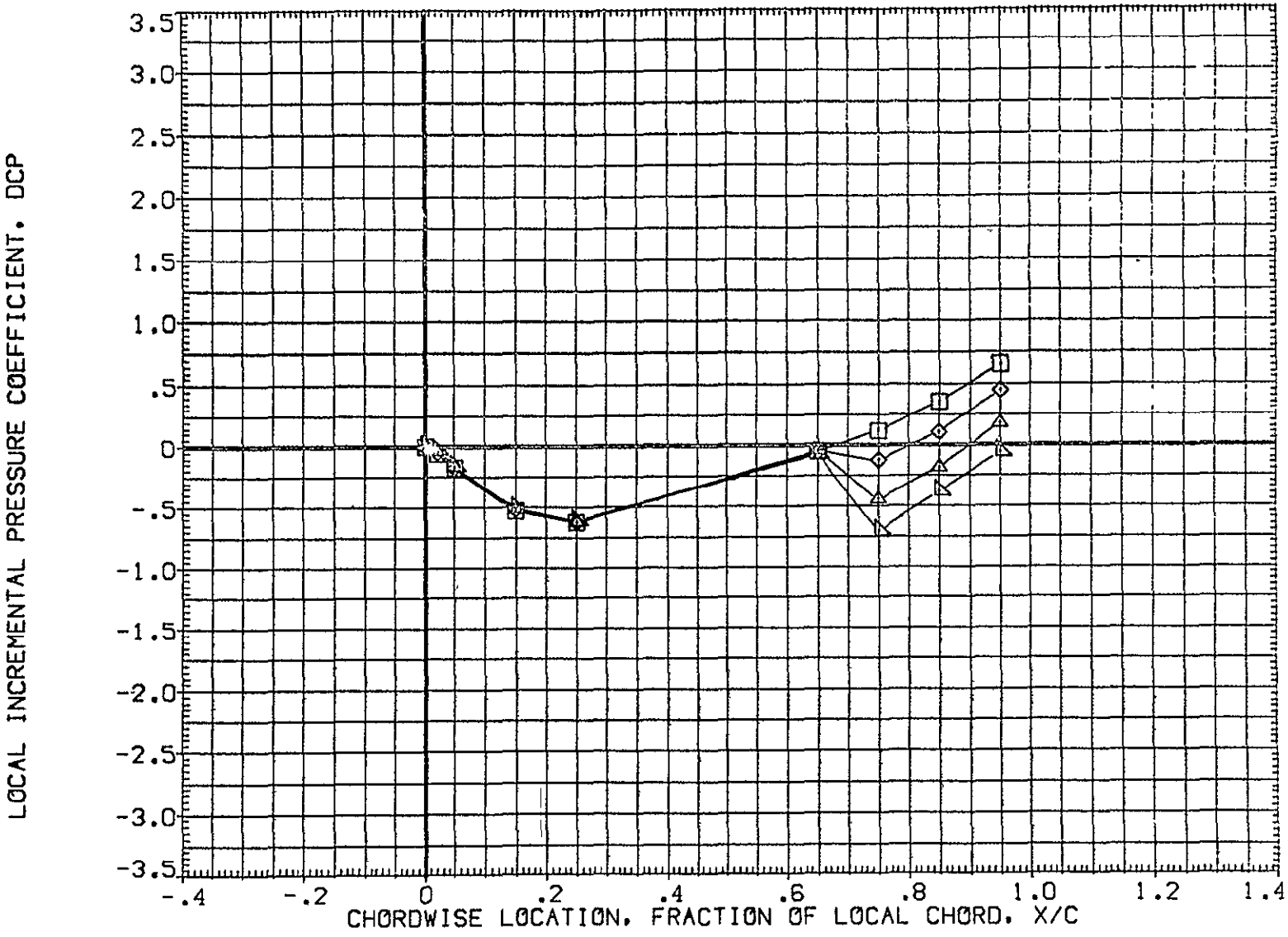

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)		(A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)		(A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)		(A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)		(A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

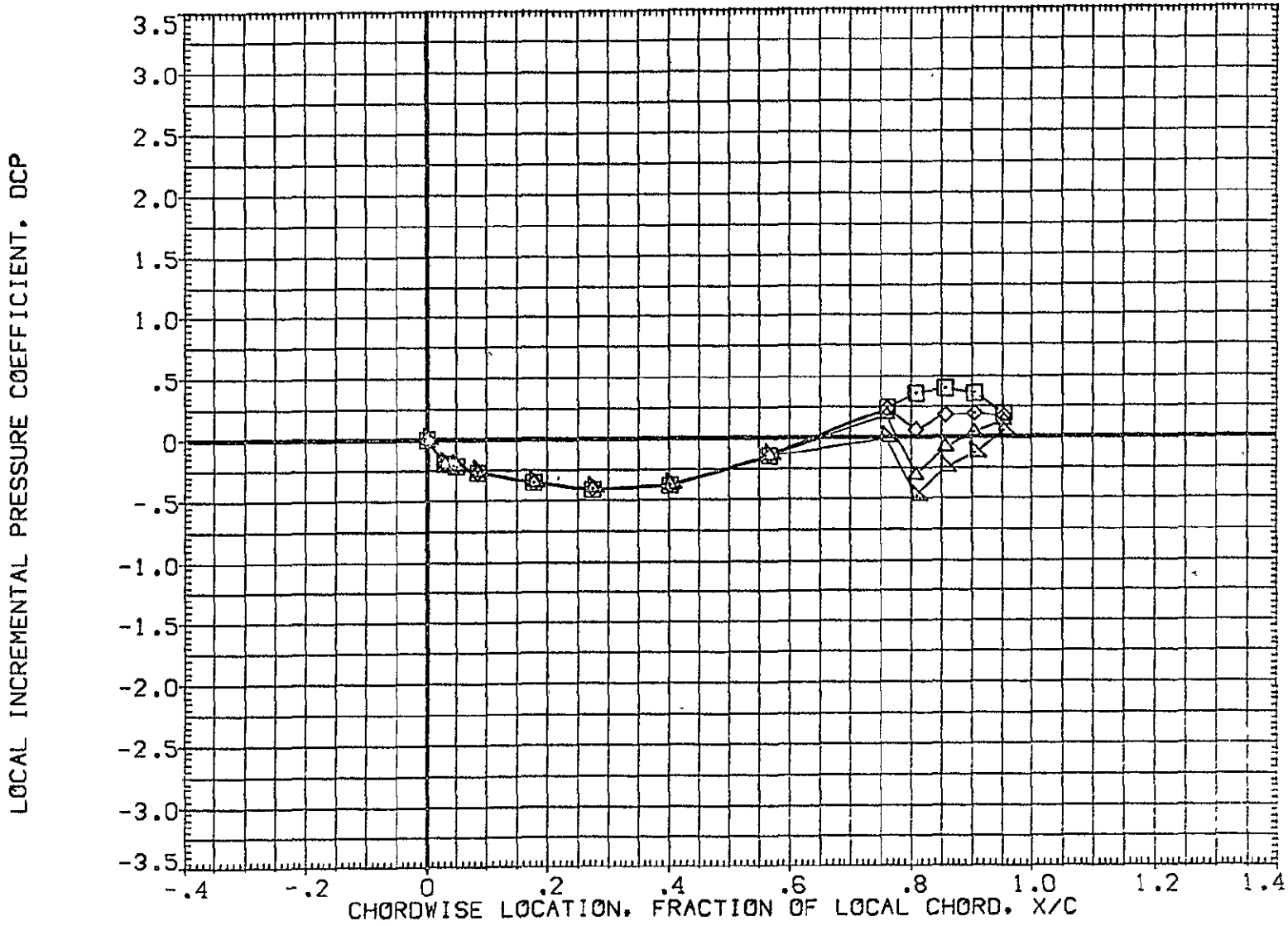

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER + LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER + LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER + LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER + LOWER)	8.000	12.000	12.000	12.000

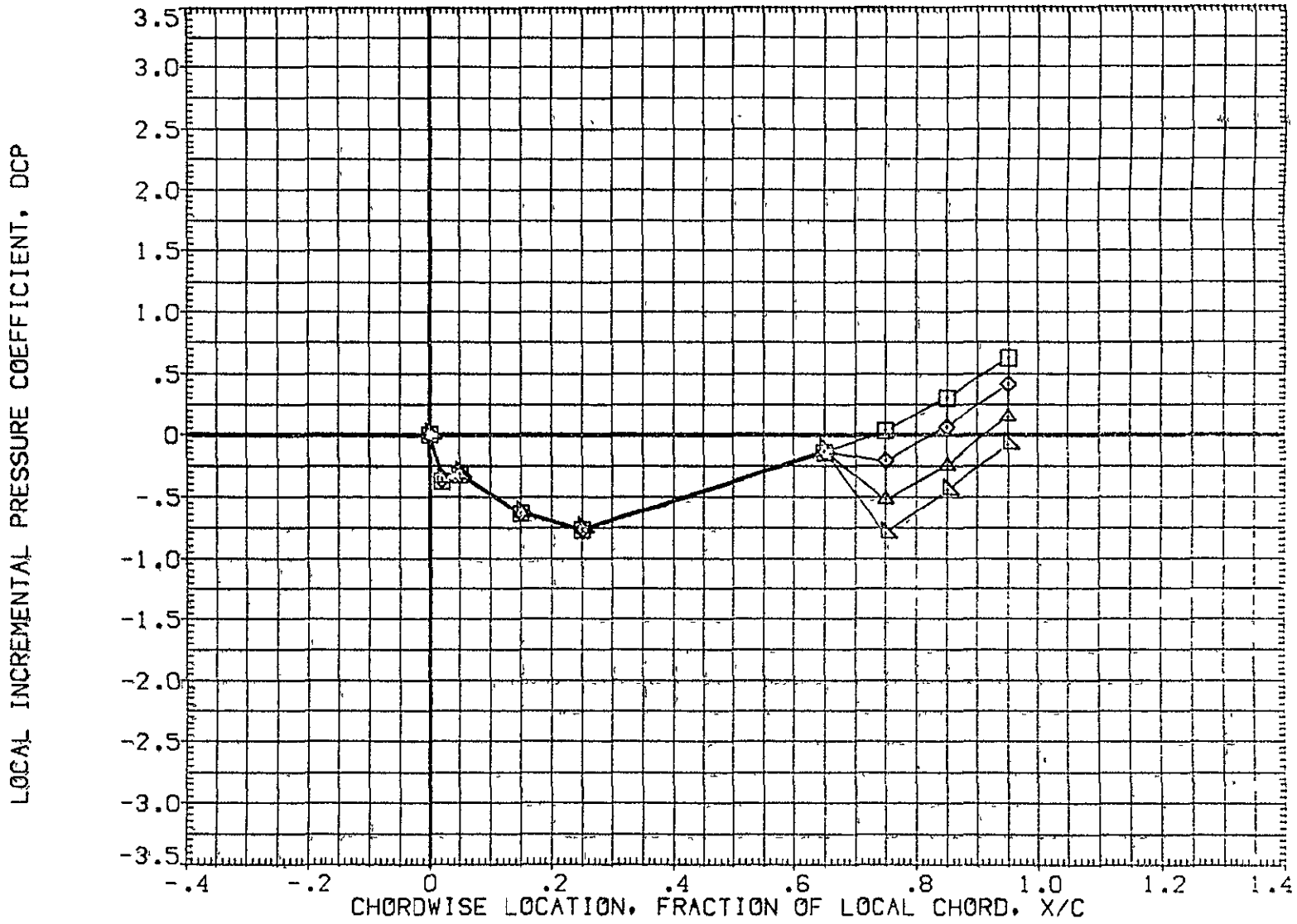

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

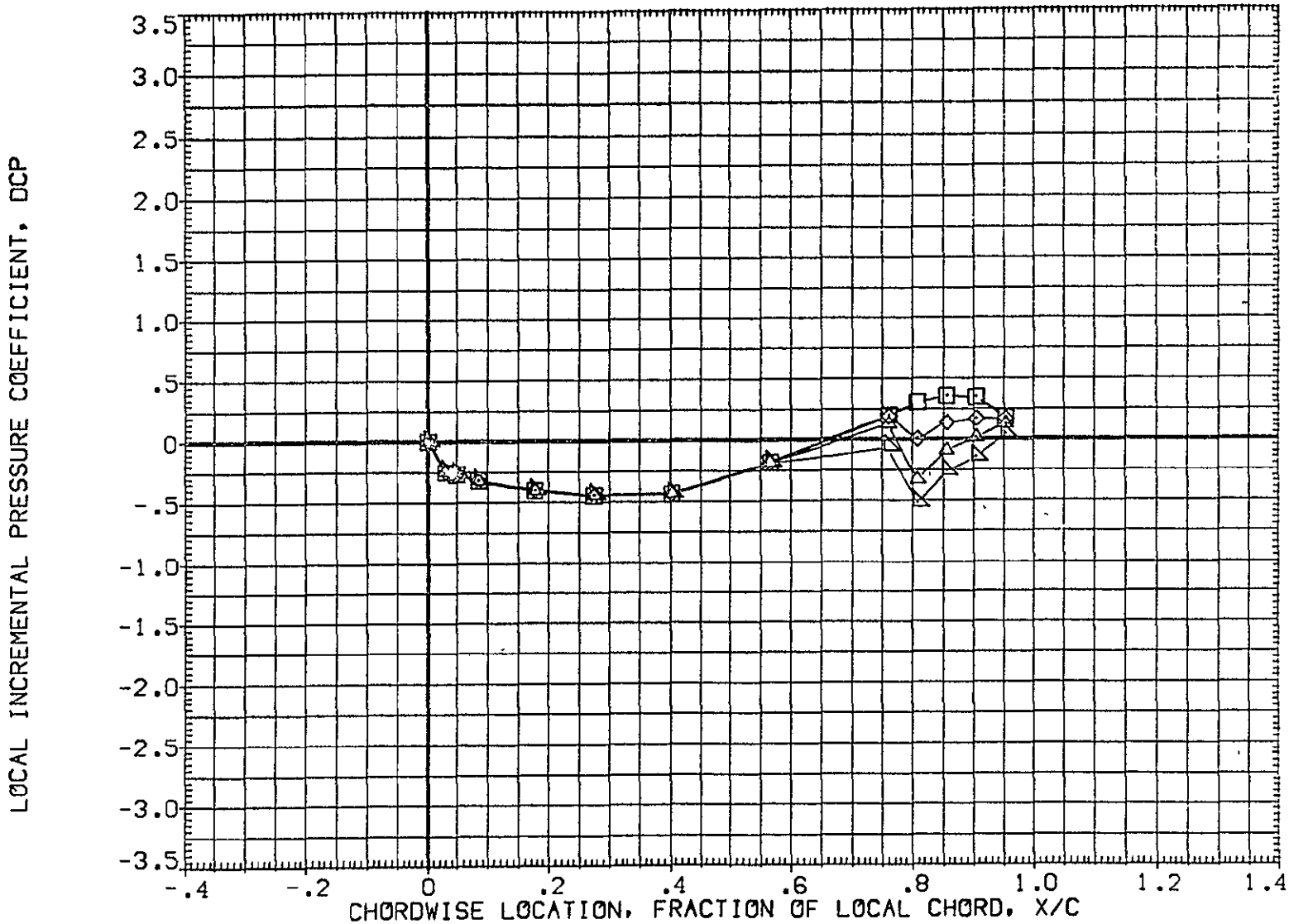

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

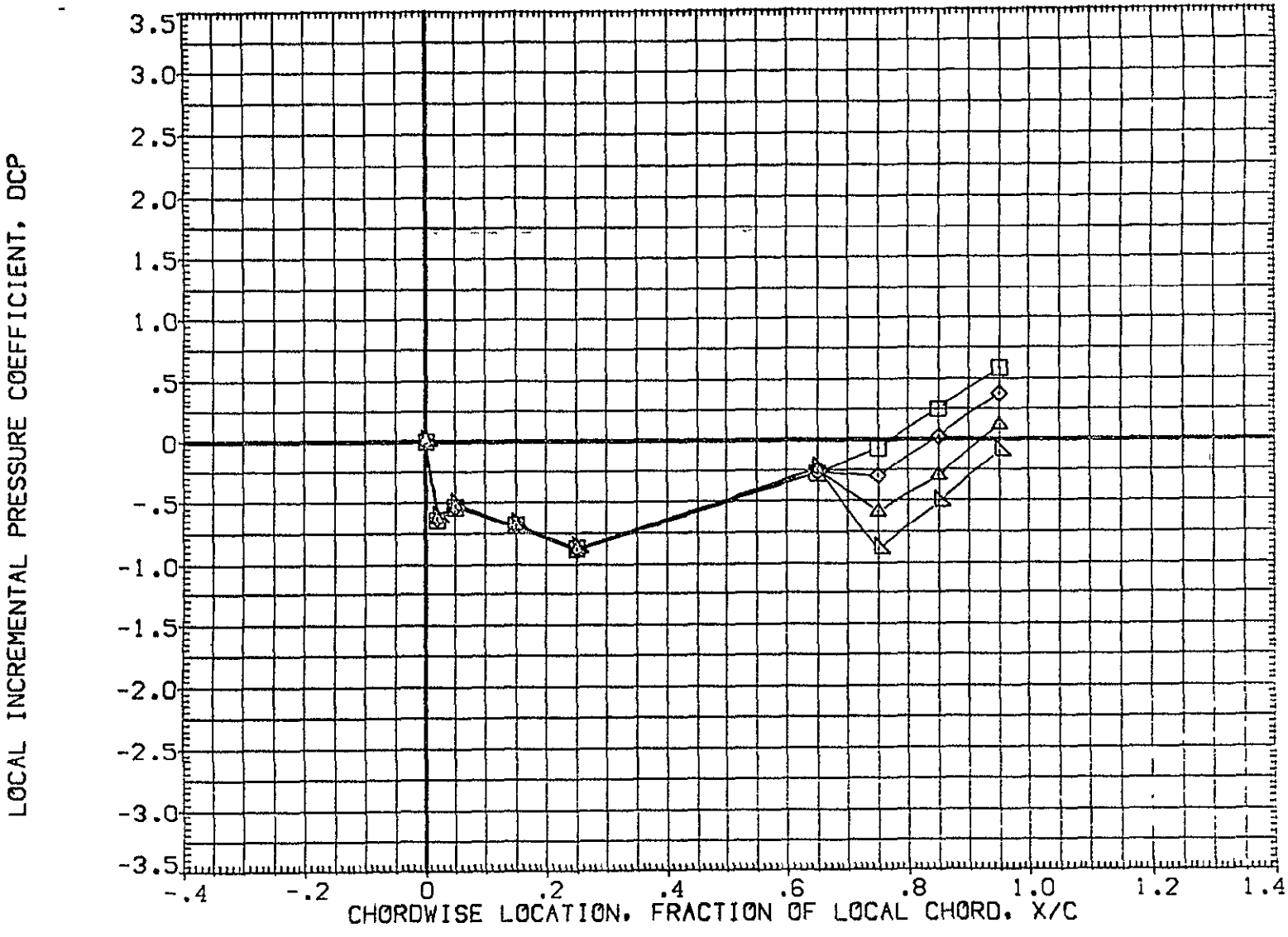

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE					-4.000	.000	-4.000	-4.000
(AF7047)		1A70	01 T12 S1 P2 P8	WING	(UPPER	- LOWER)	.000	.000	.000	.000
(AF7052)		1A70	01 T12 S1 P2 P8	WING	(UPPER	- LOWER)	4.000	4.000	4.000	4.000
(AF7057)		1A70	01 T12 S1 P2 P8	WING	(UPPER	- LOWER)	8.000	8.000	8.000	8.000
(AF7062)		1A70	01 T12 S1 P2 P8	WING	(UPPER	- LOWER)	8.000	12.000	12.000	12.000

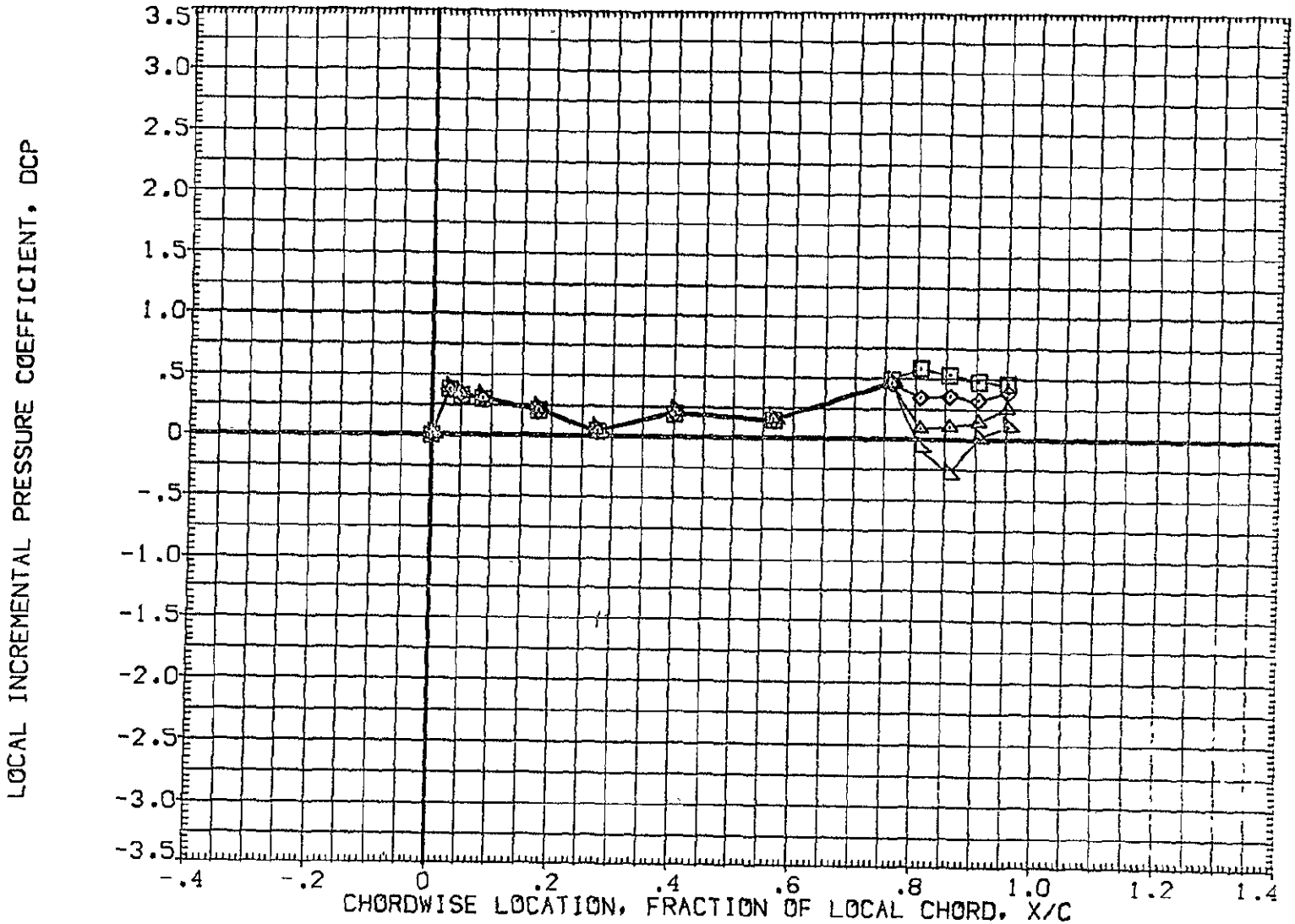

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

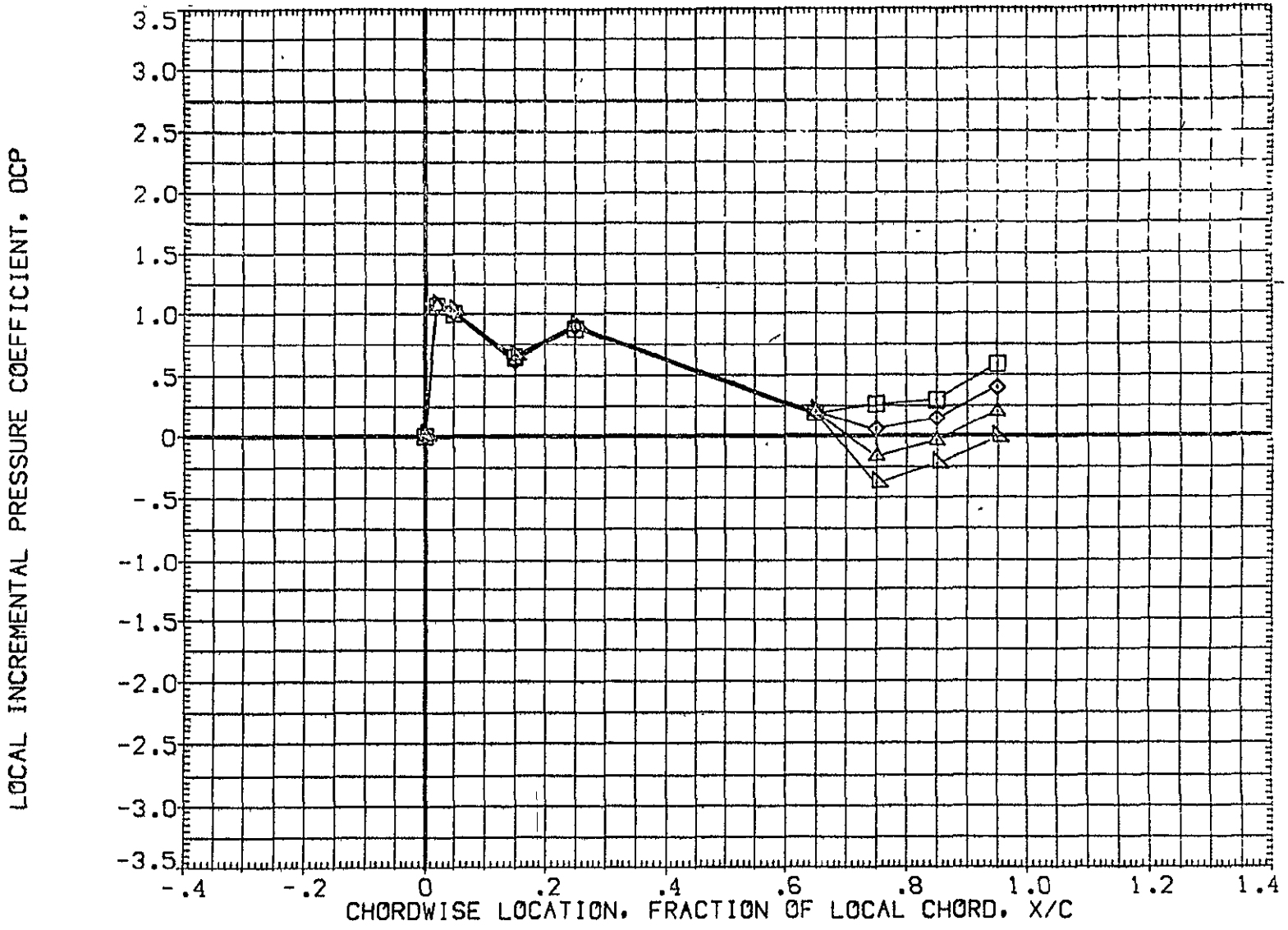

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

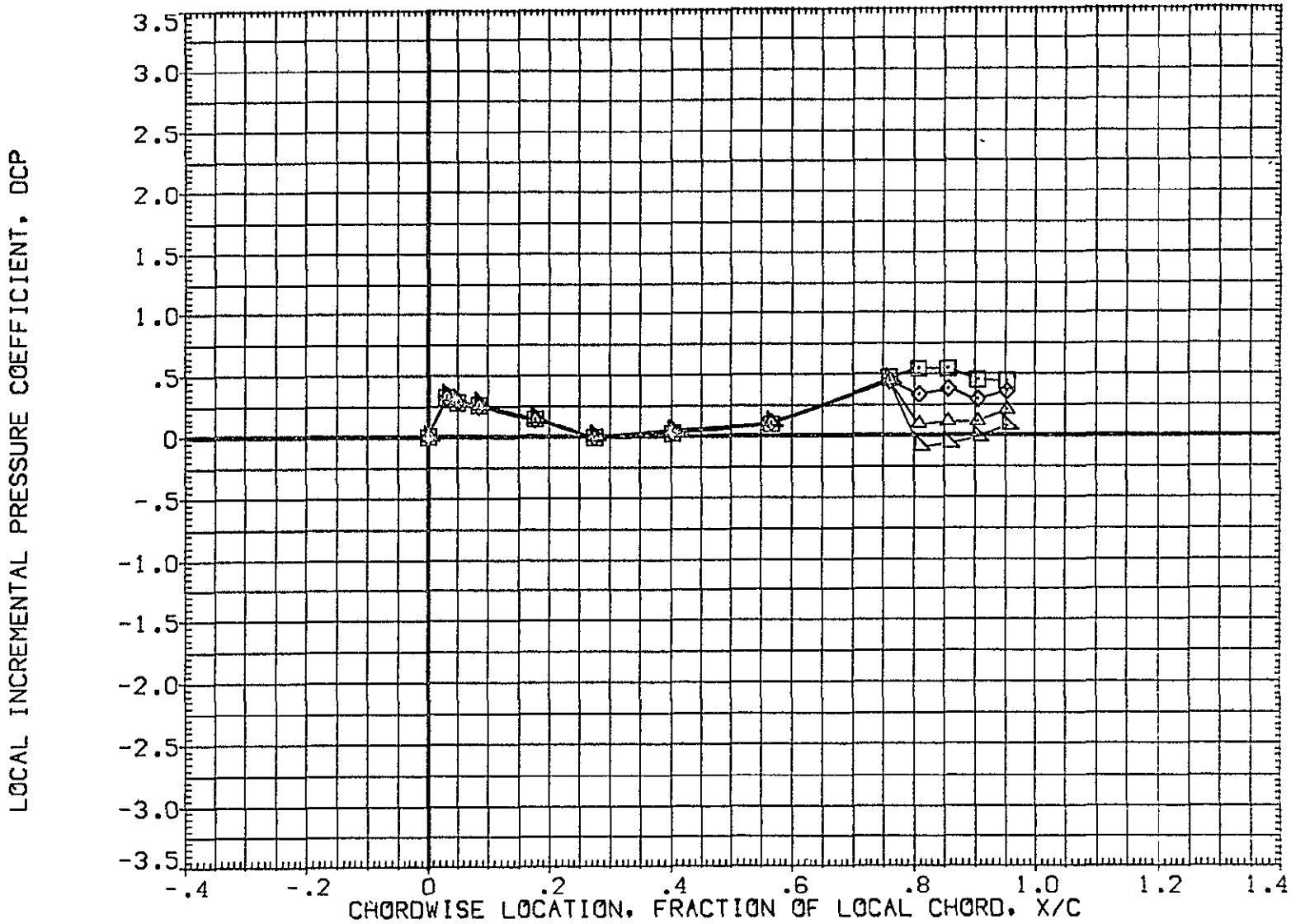

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▽	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

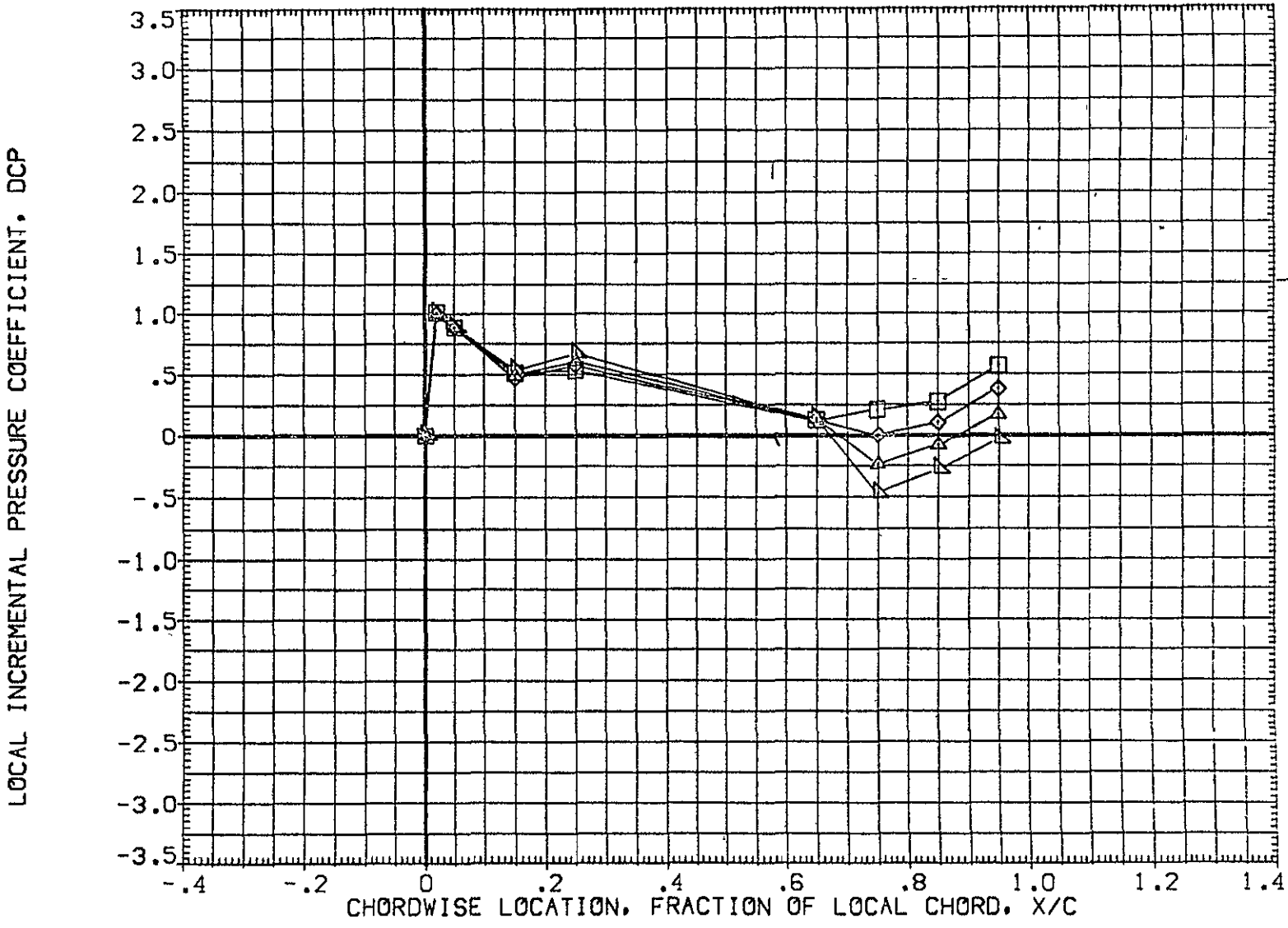

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

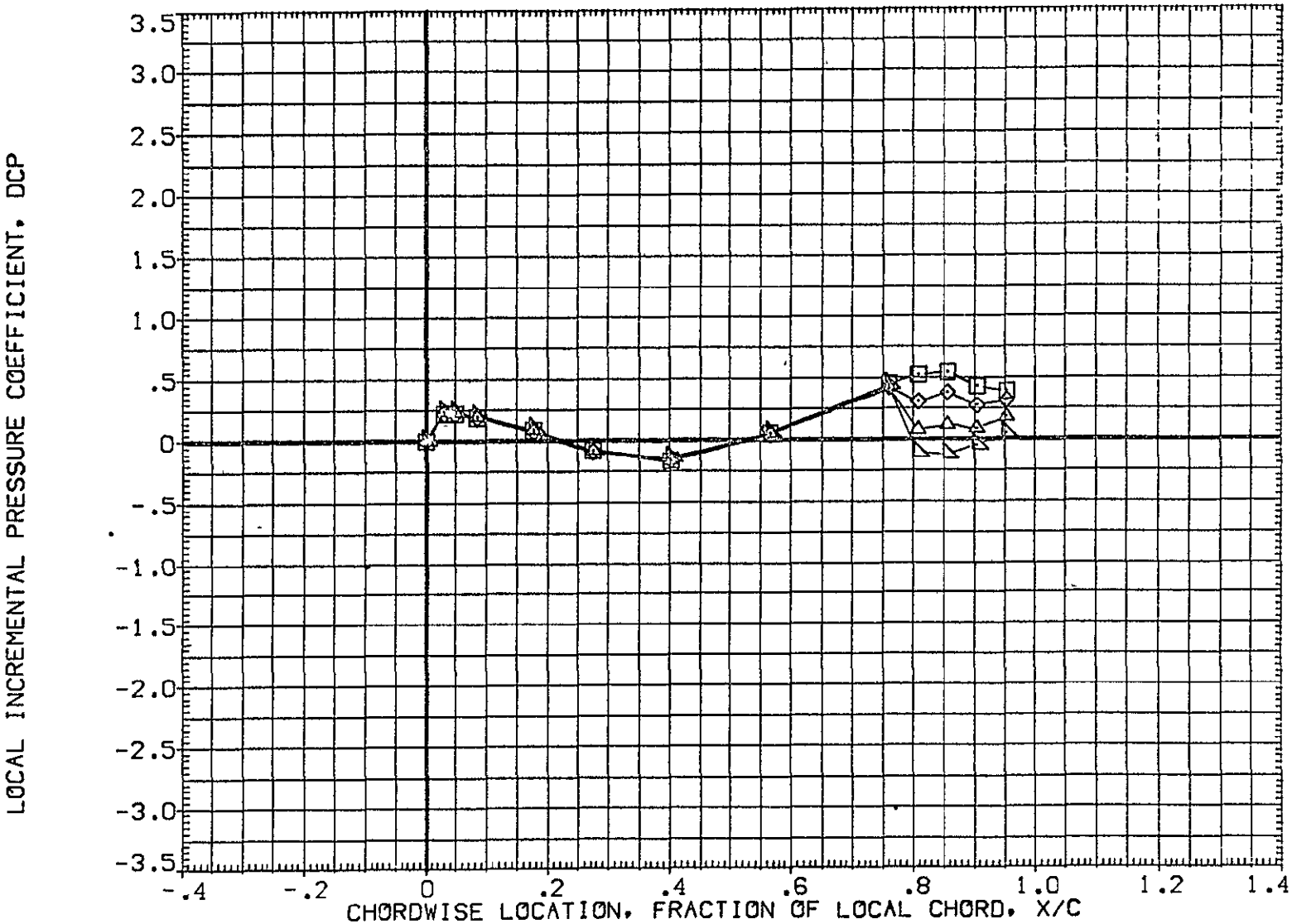

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▷	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

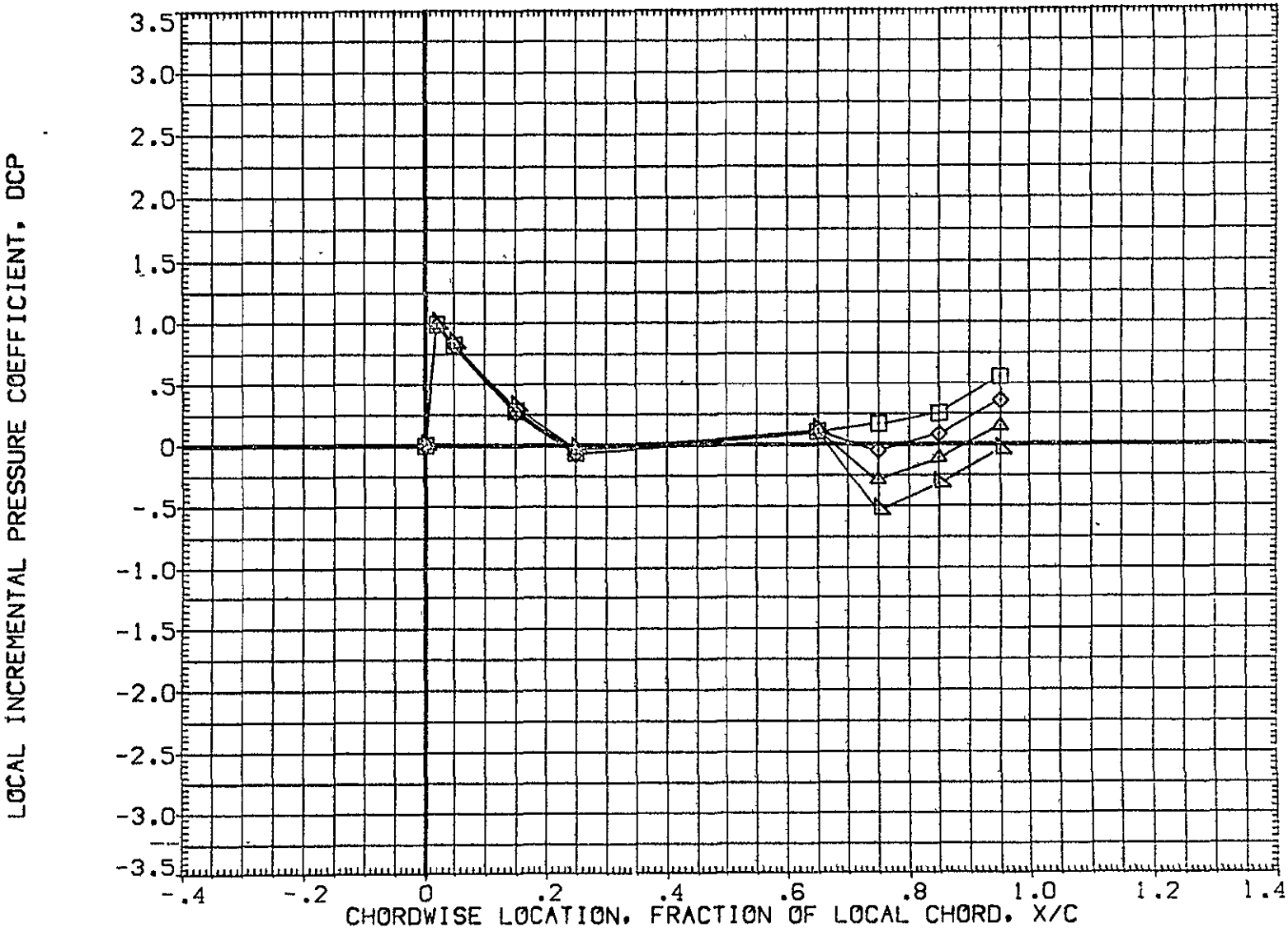

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

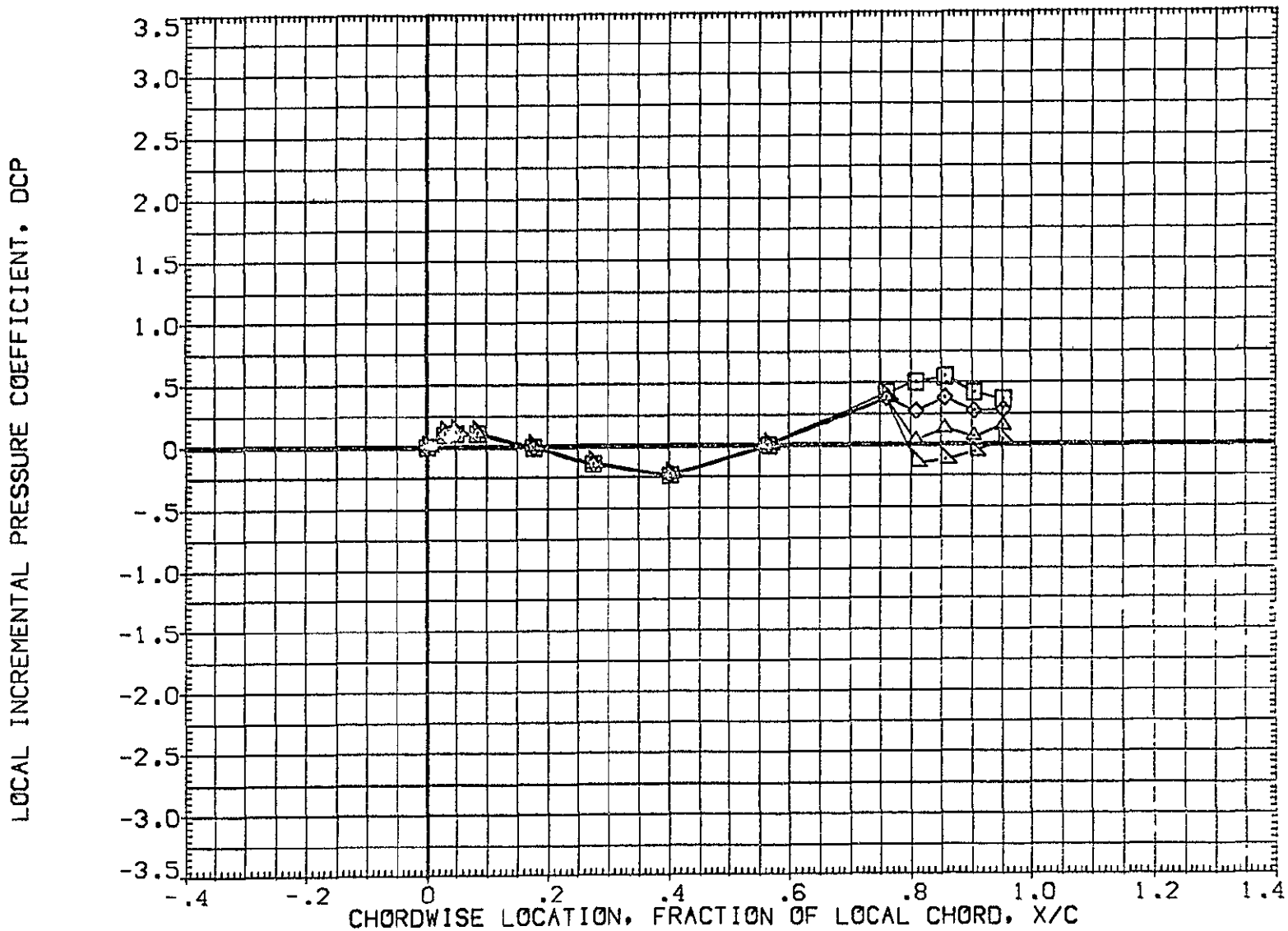

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

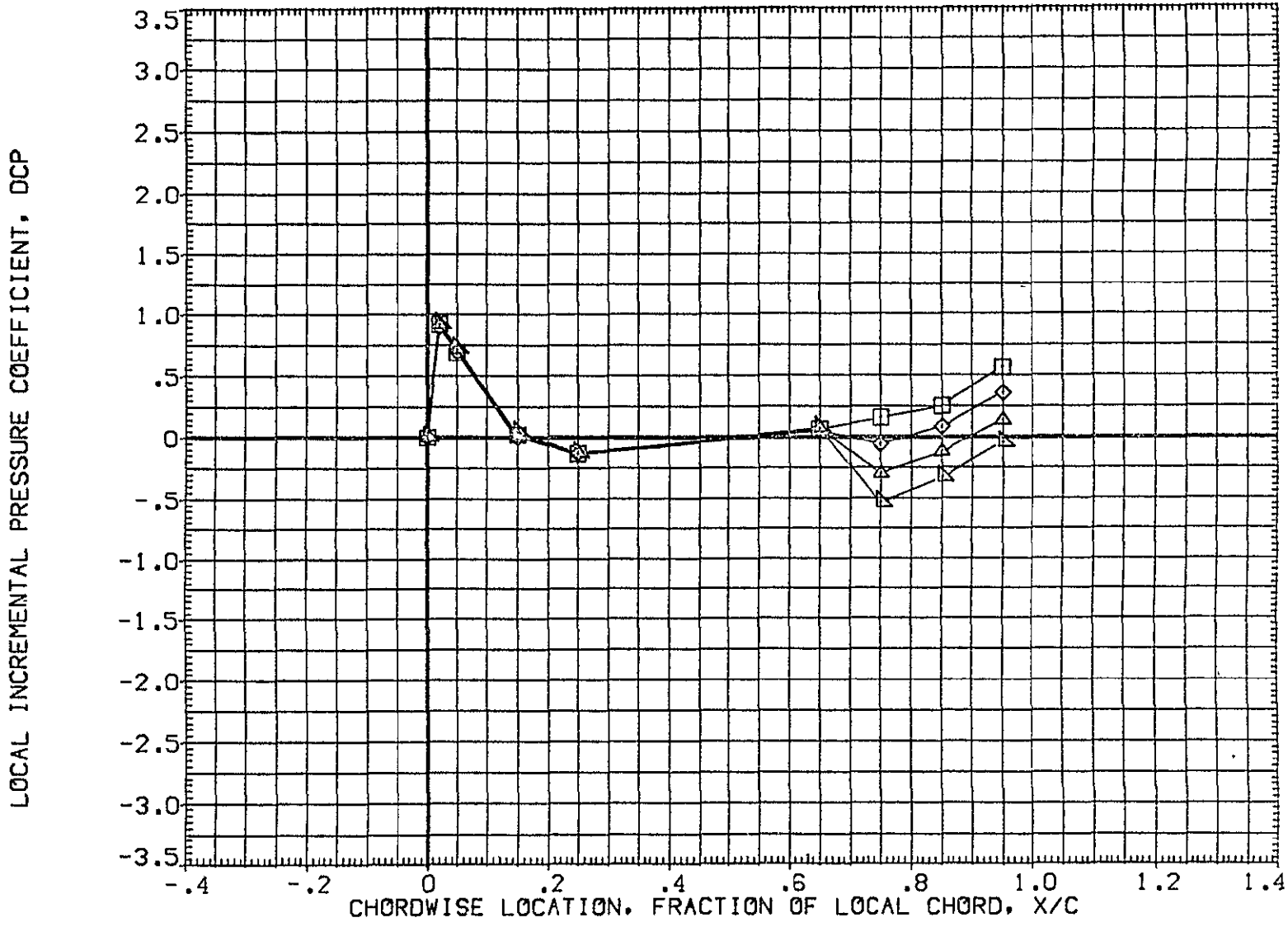

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

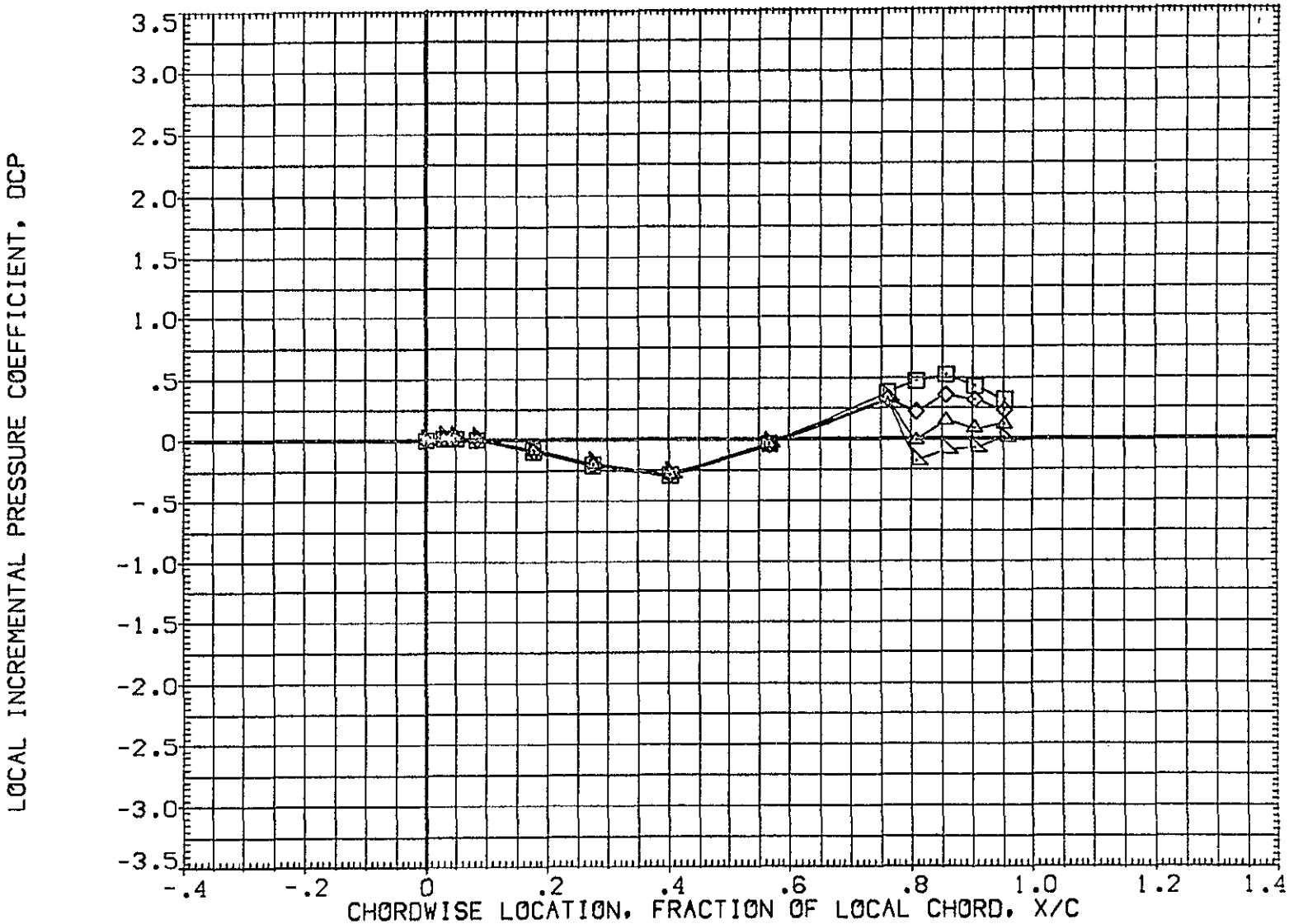

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

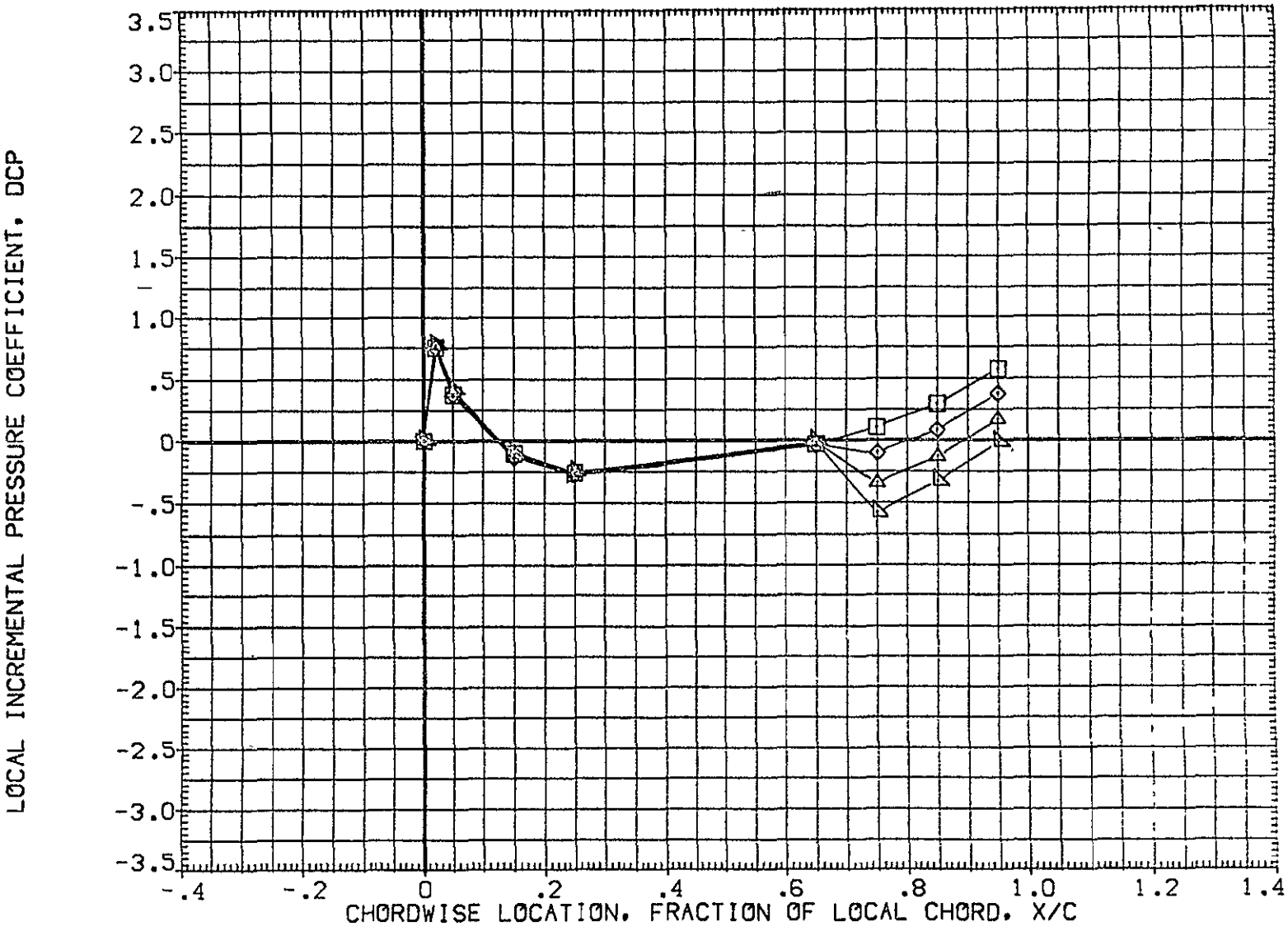

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

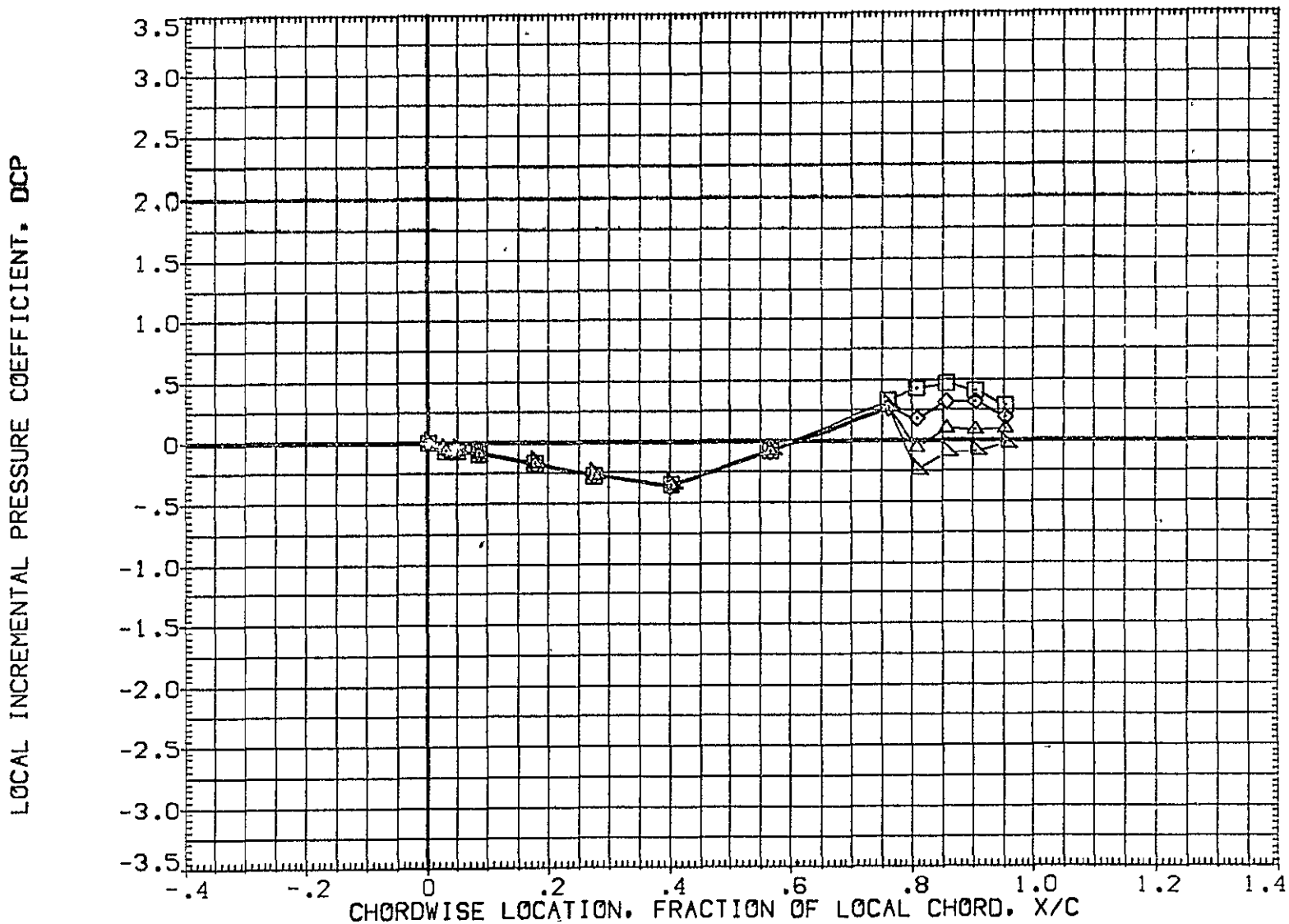

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

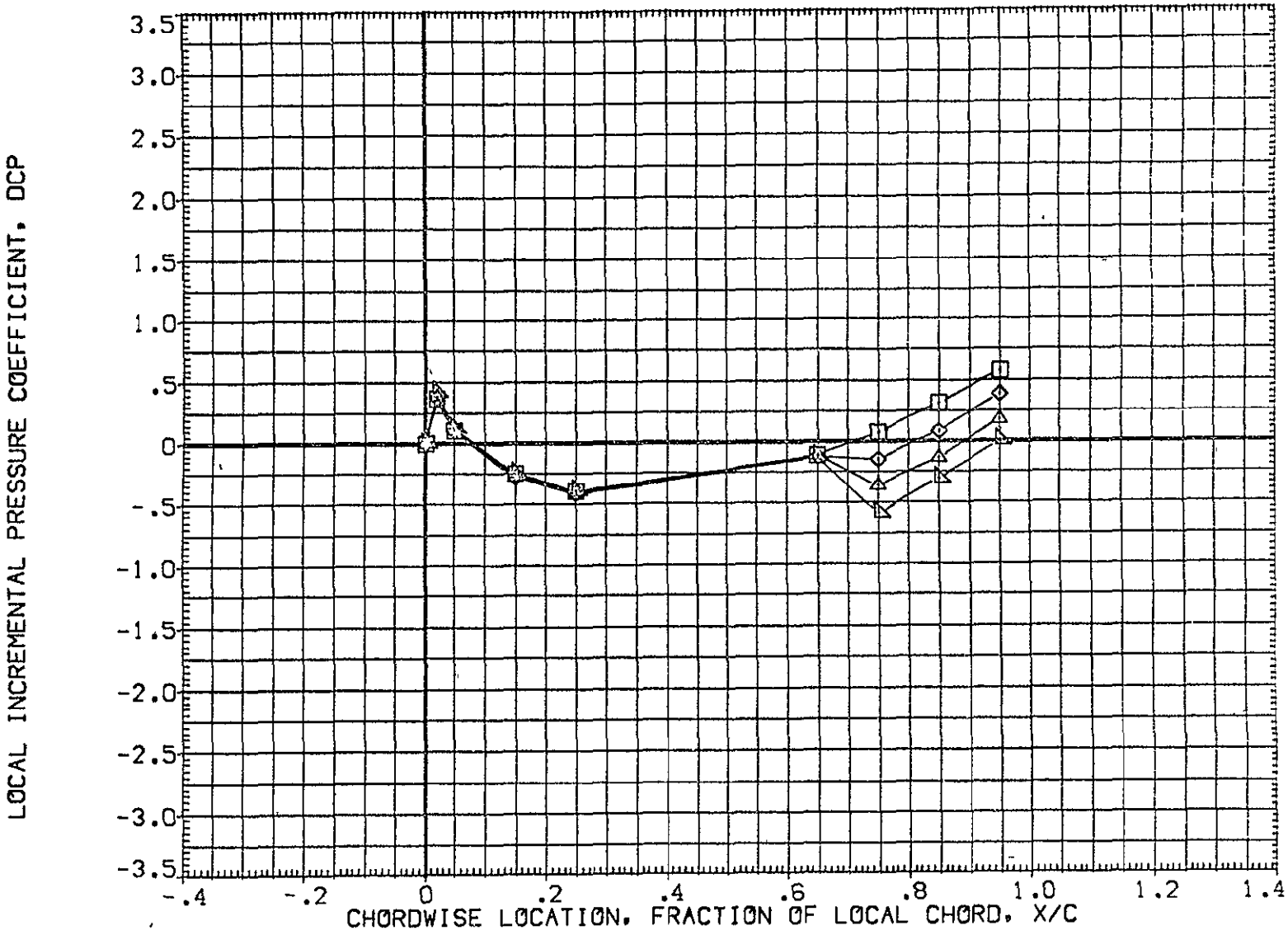

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (-UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

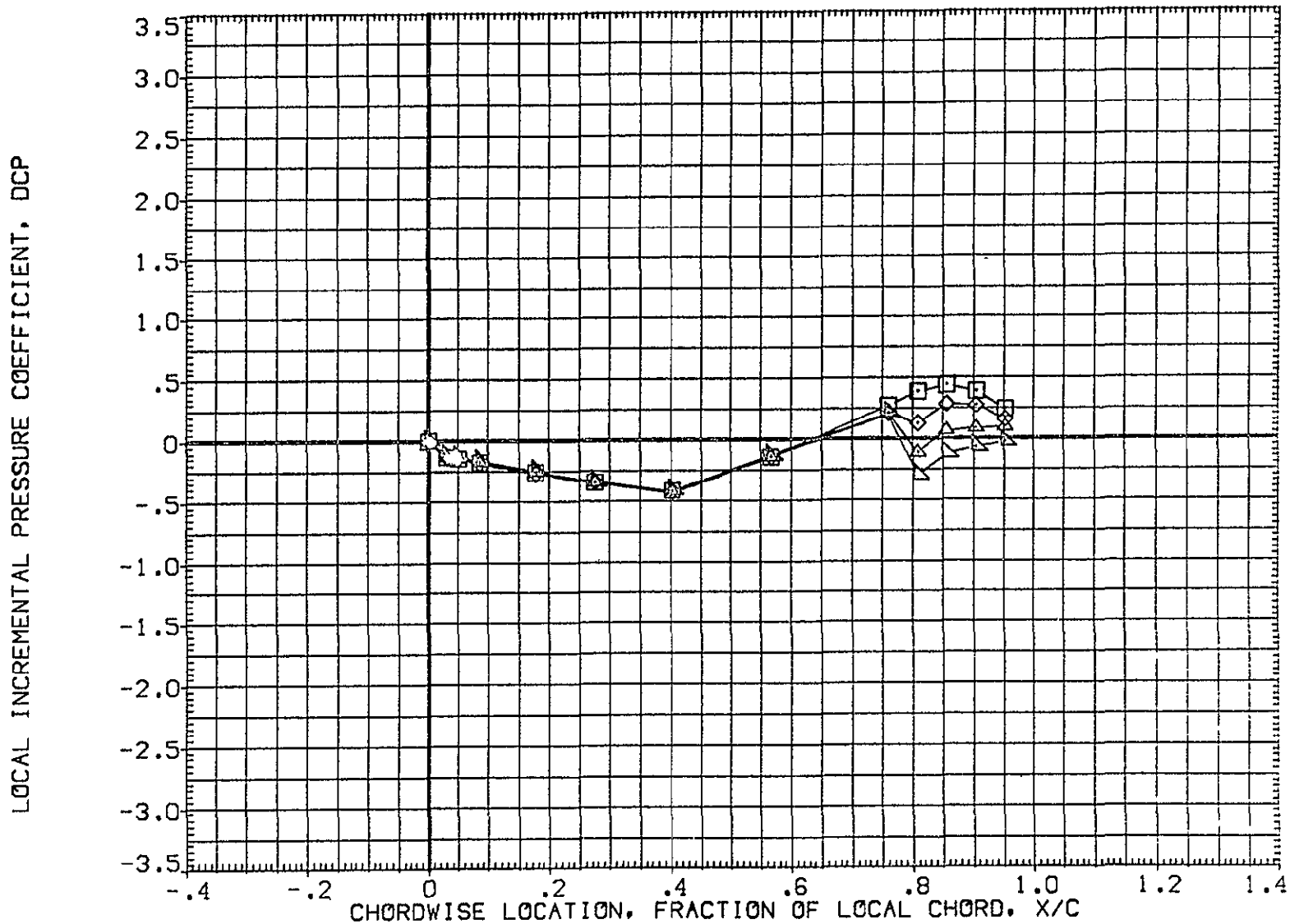

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

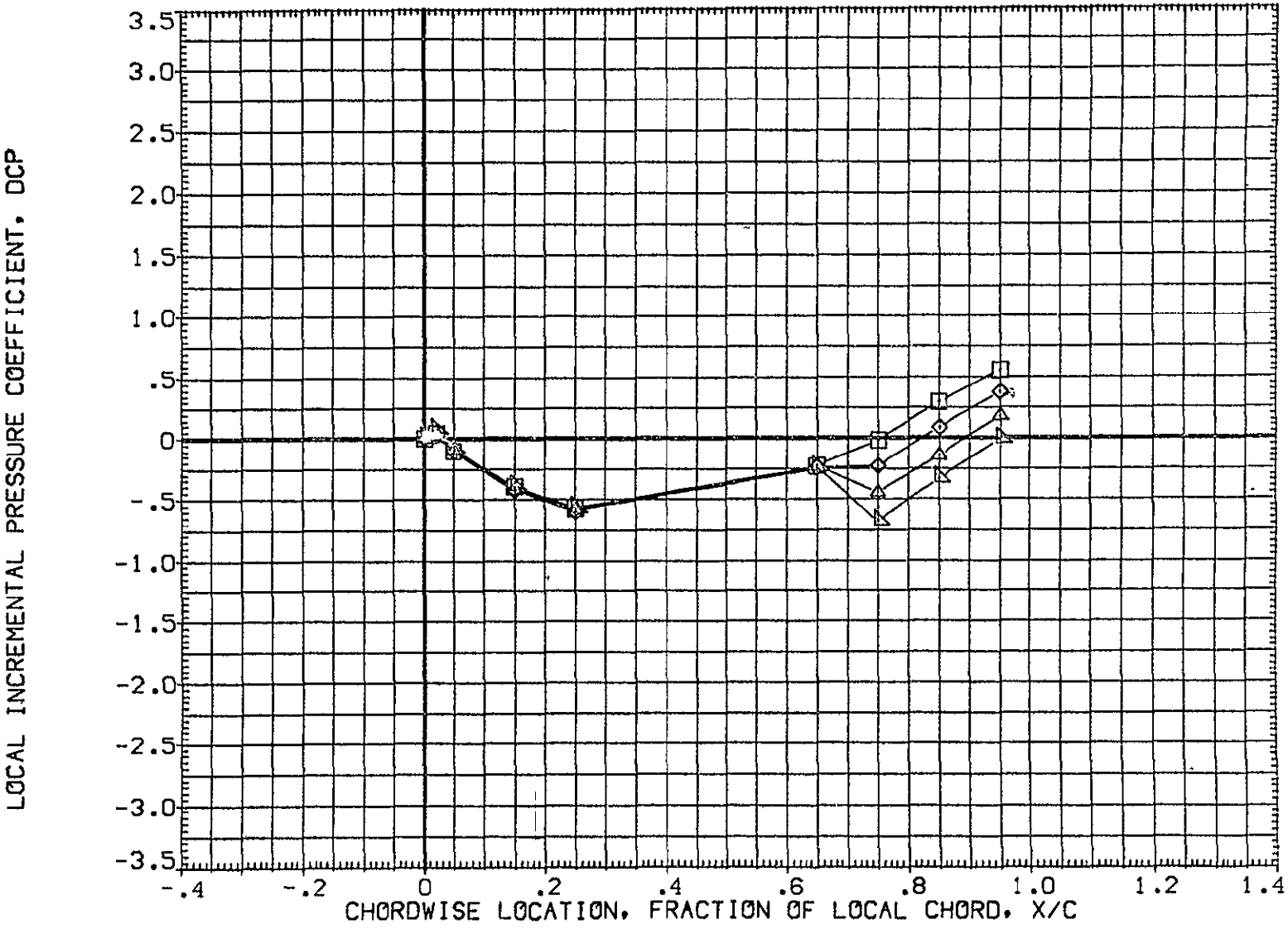

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)		IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

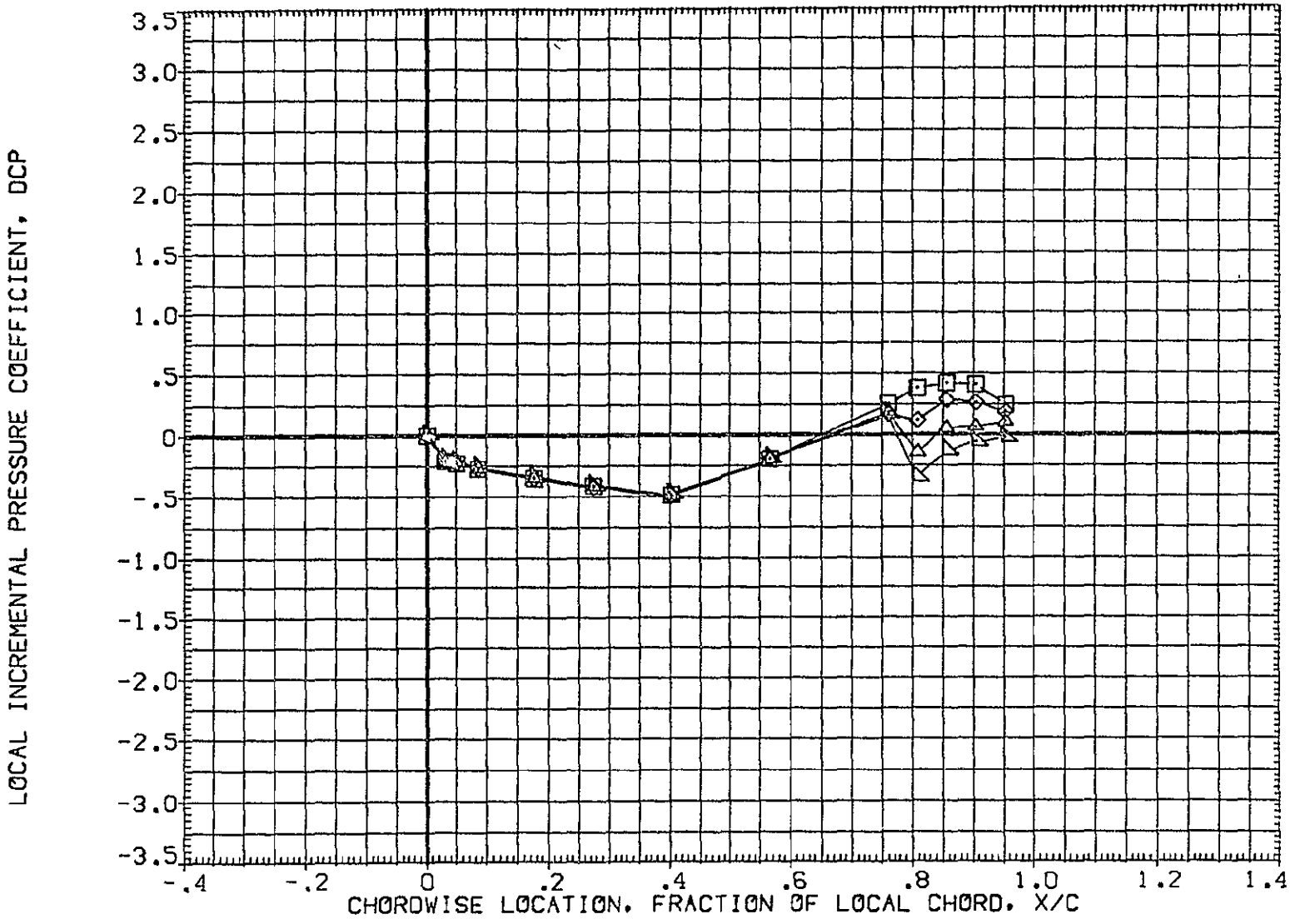

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065) ○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047) □	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052) ◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057) △	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062) ▽	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

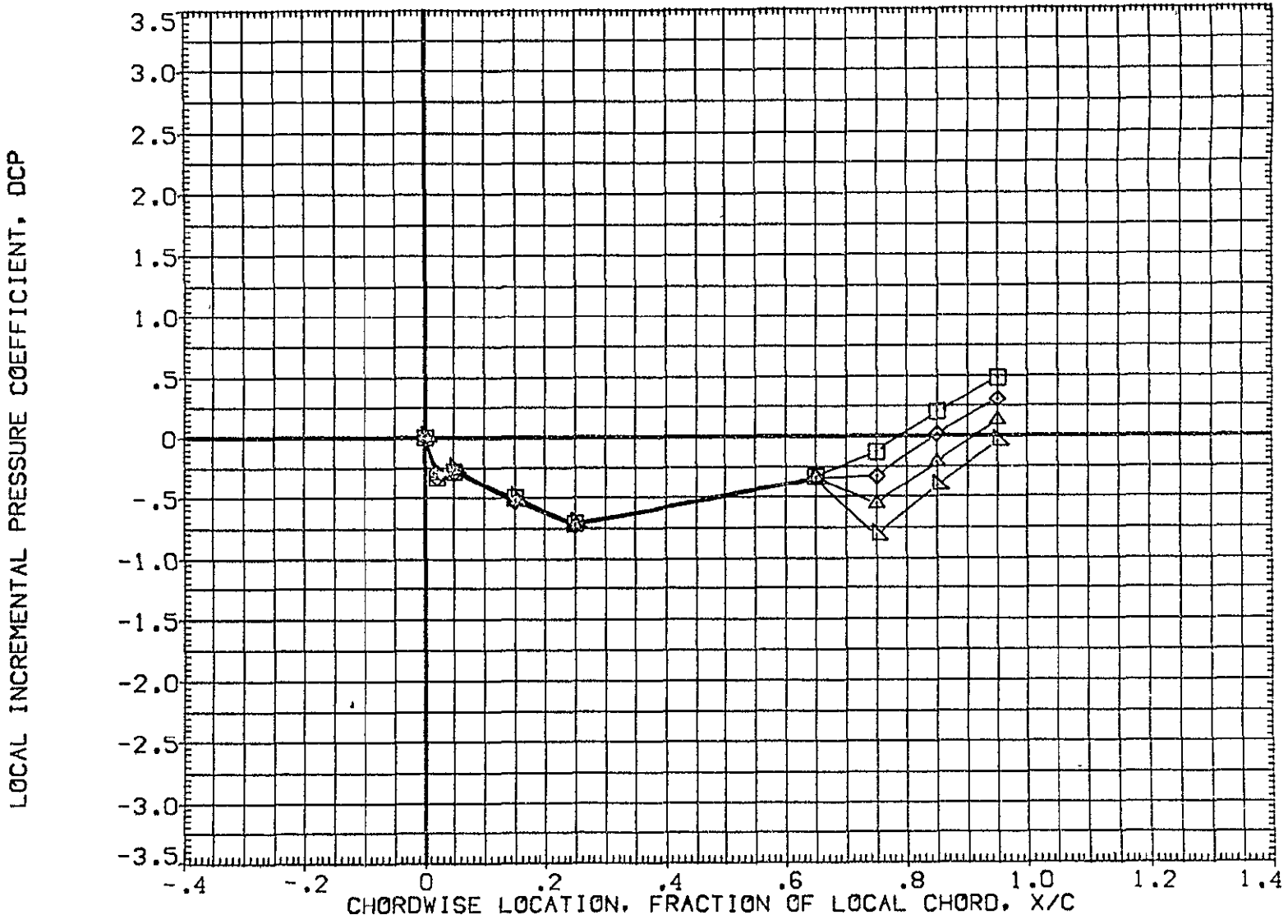

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

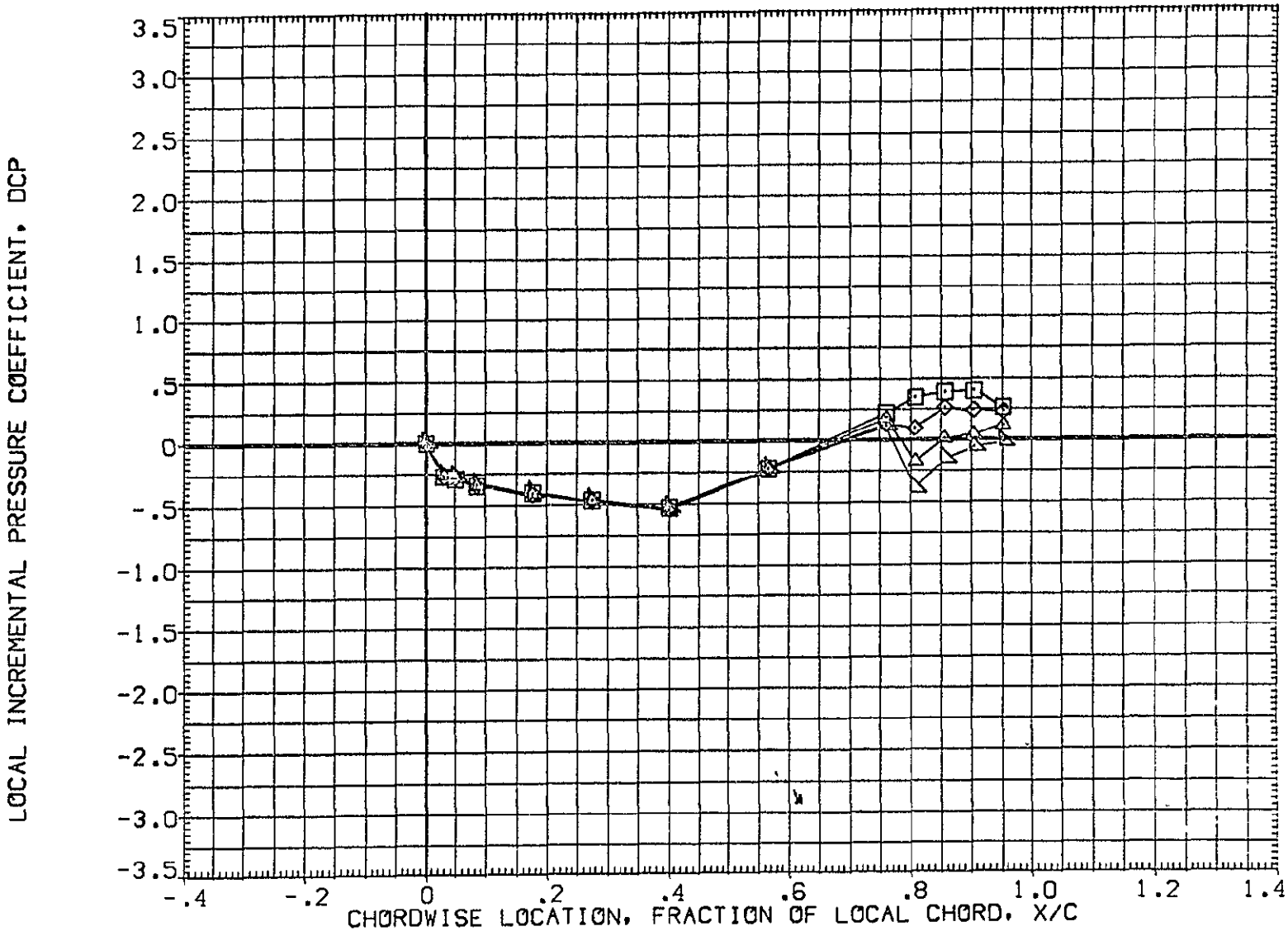

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

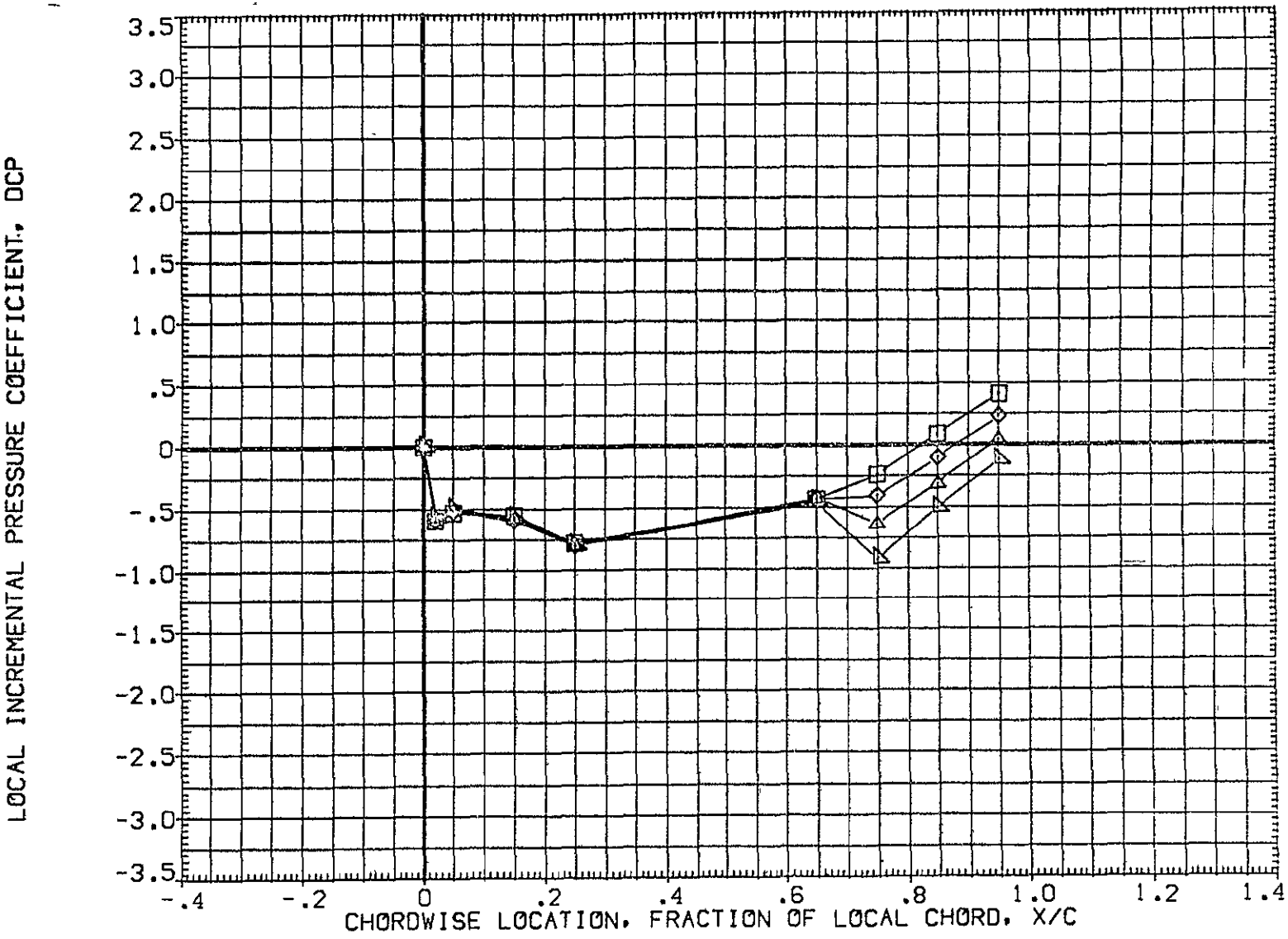

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7052)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7057)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7062)	▽	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

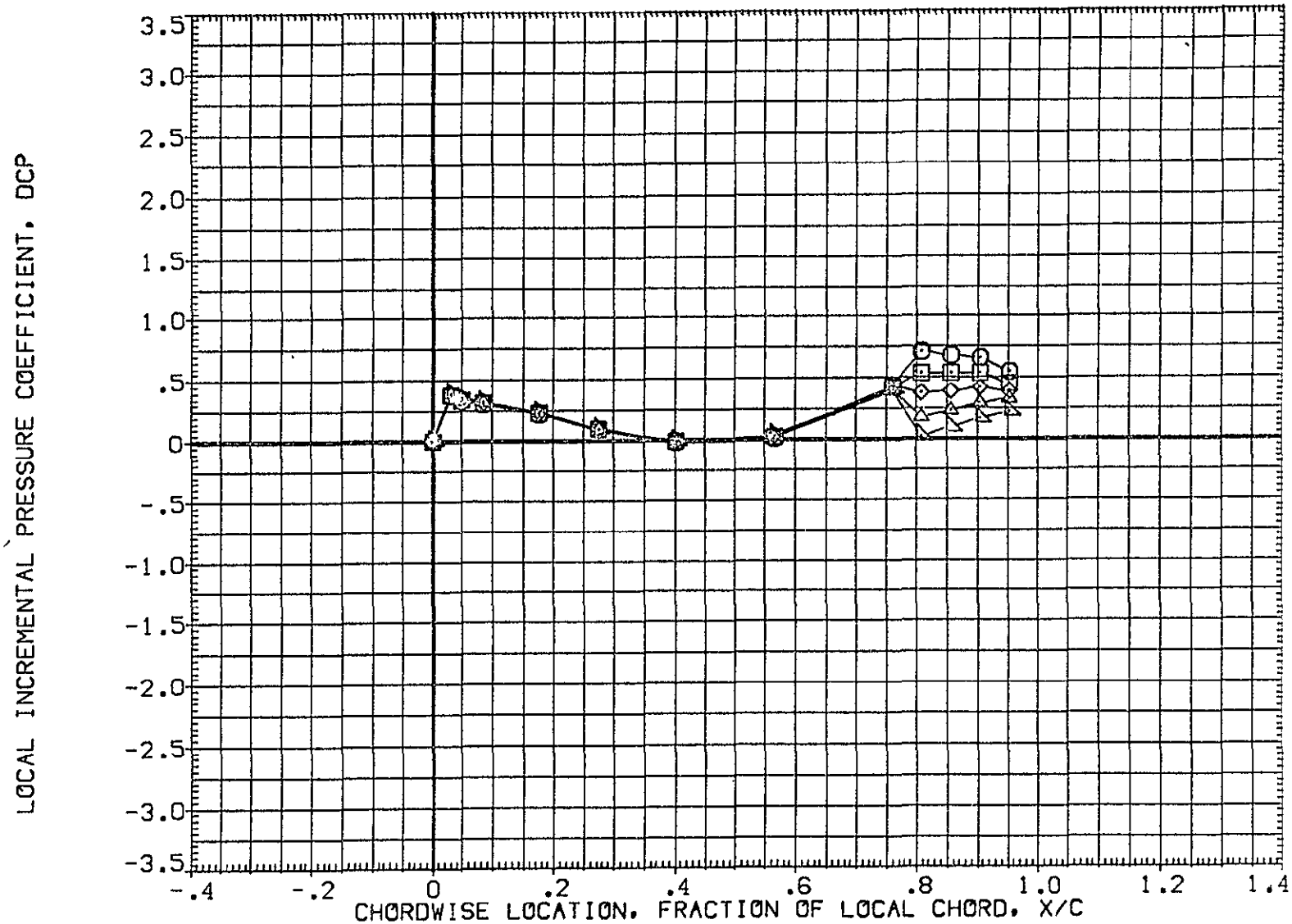

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▽	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

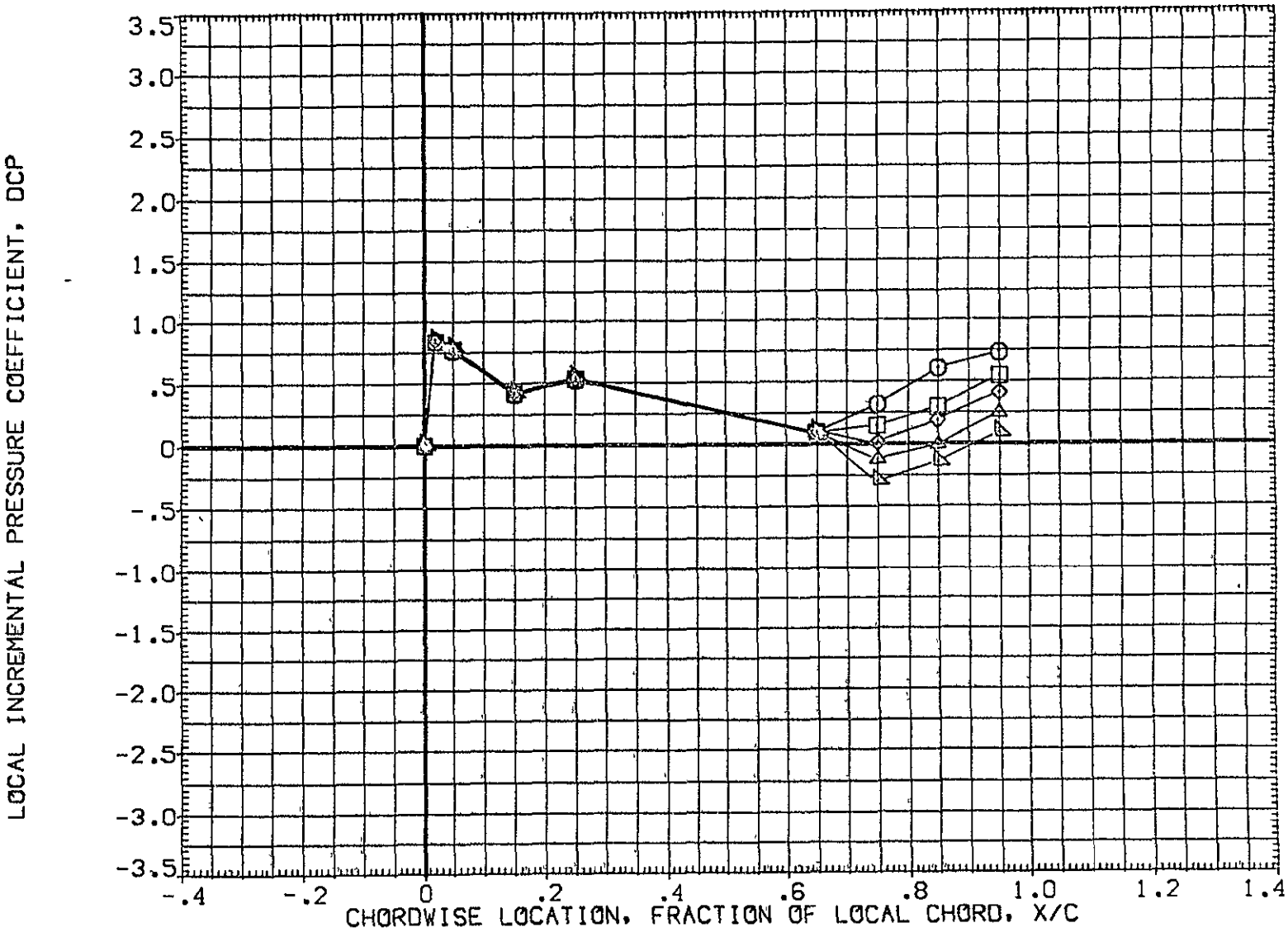

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			-4.000	.000	-4.000	-4.000
(AF7047)		1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			.000	.000	.000	.000
(AF7052)		1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7057)		1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7062)		1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			8.000	12.000	12.000	12.000

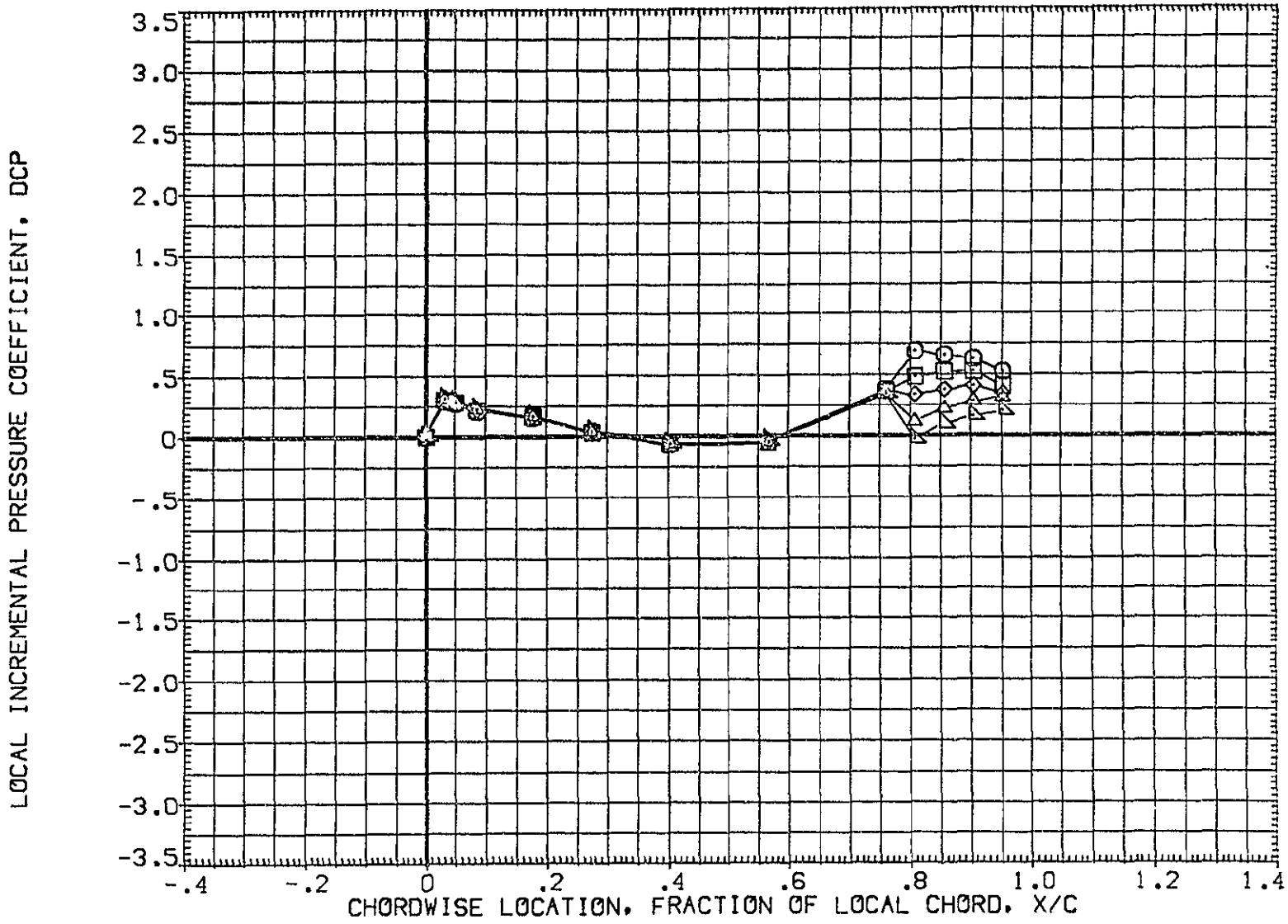

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▽	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

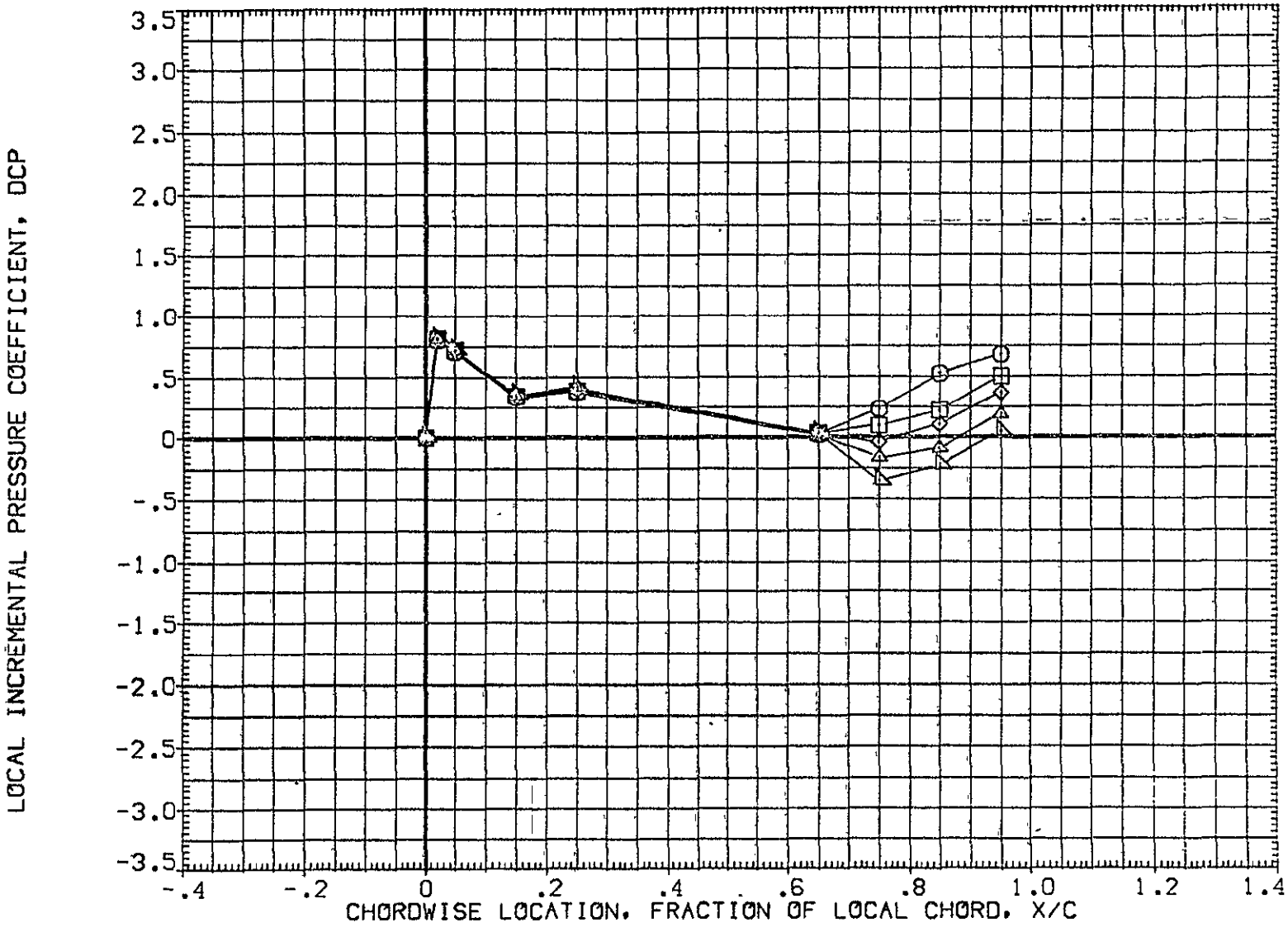

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▷	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

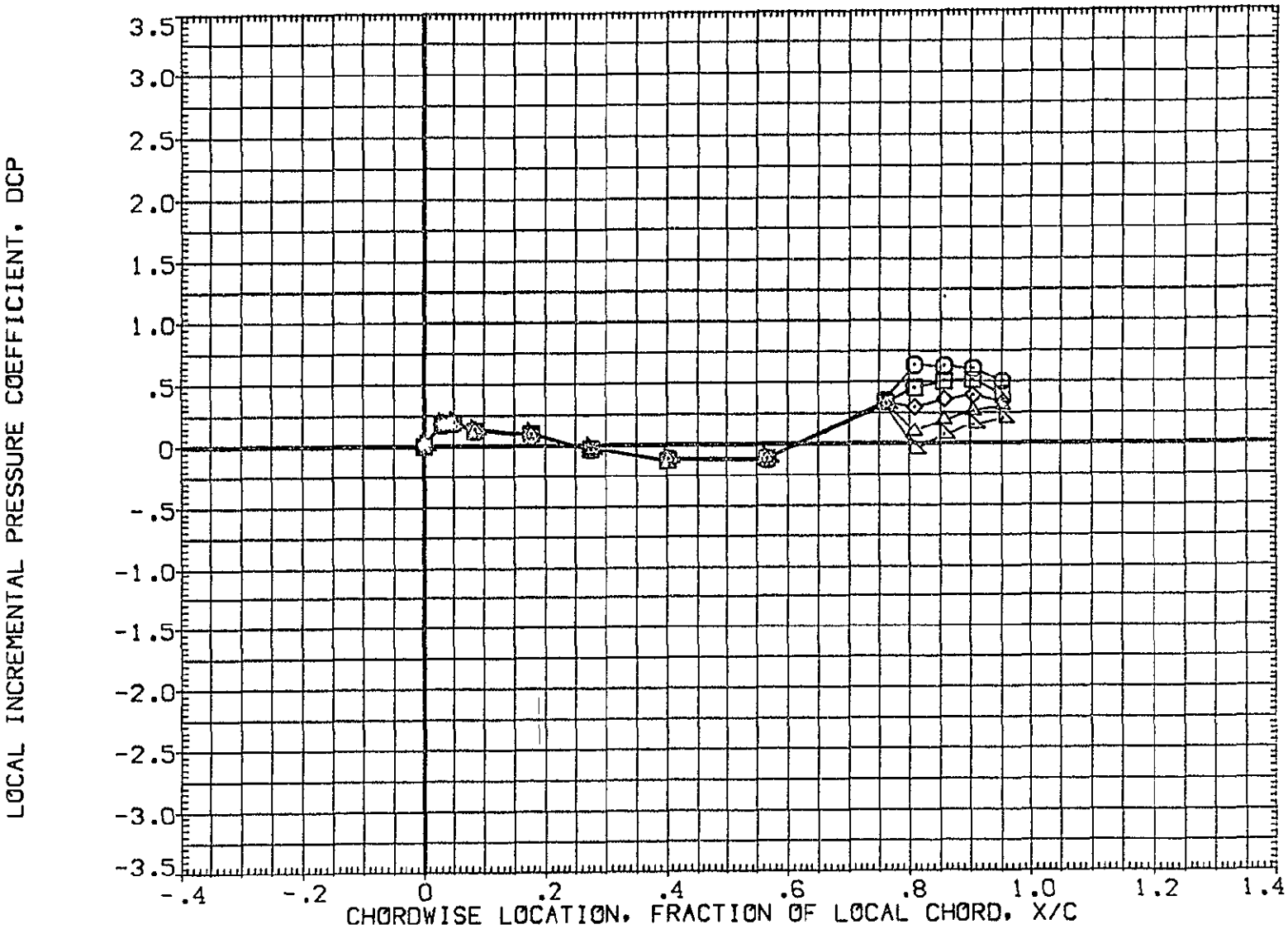

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			.000	.000	.000	.000
(AF7052)	◇	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7057)	△	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7062)	▽	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)			8.000	12.000	12.000	12.000

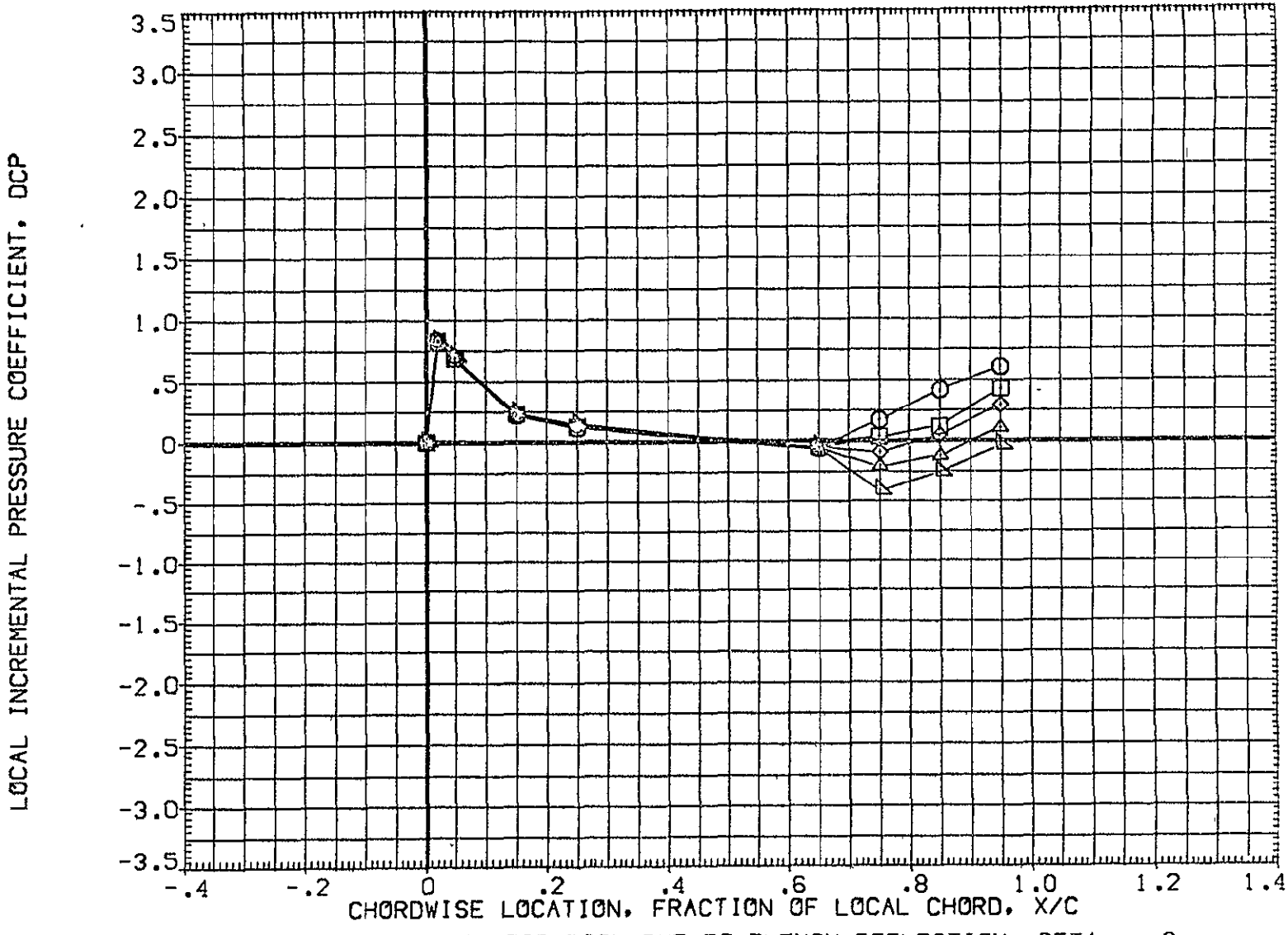

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7062)	▽	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	12.000	12.000	12.000

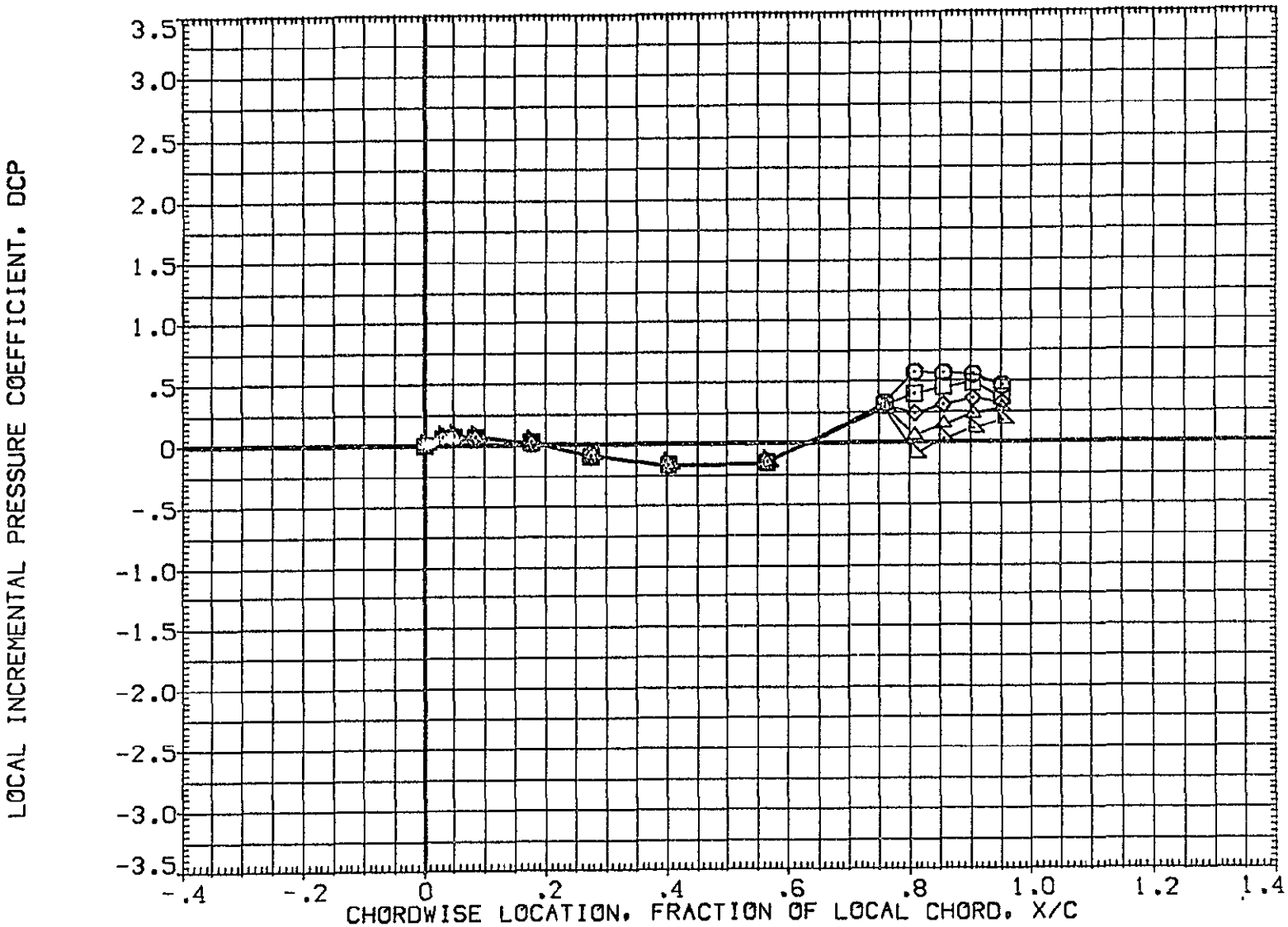

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			.000	.000	.000	.000
(AF7052)	◇	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			4.000	4.000	4.000	4.000
(AF7057)	☆	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	8.000	8.000	8.000
(AF7062)	△	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)			8.000	12.000	12.000	12.000

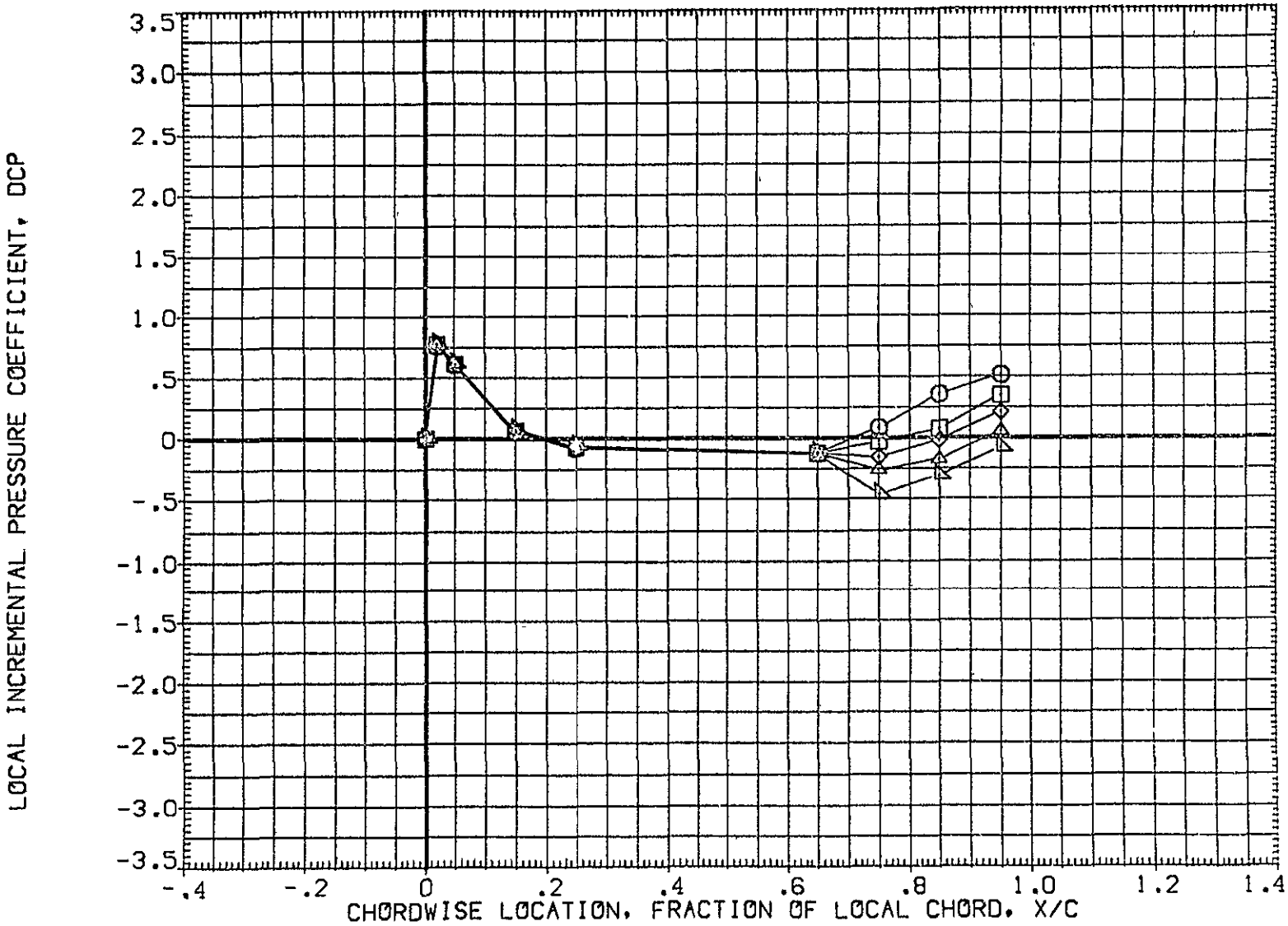

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	⋈	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▷	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

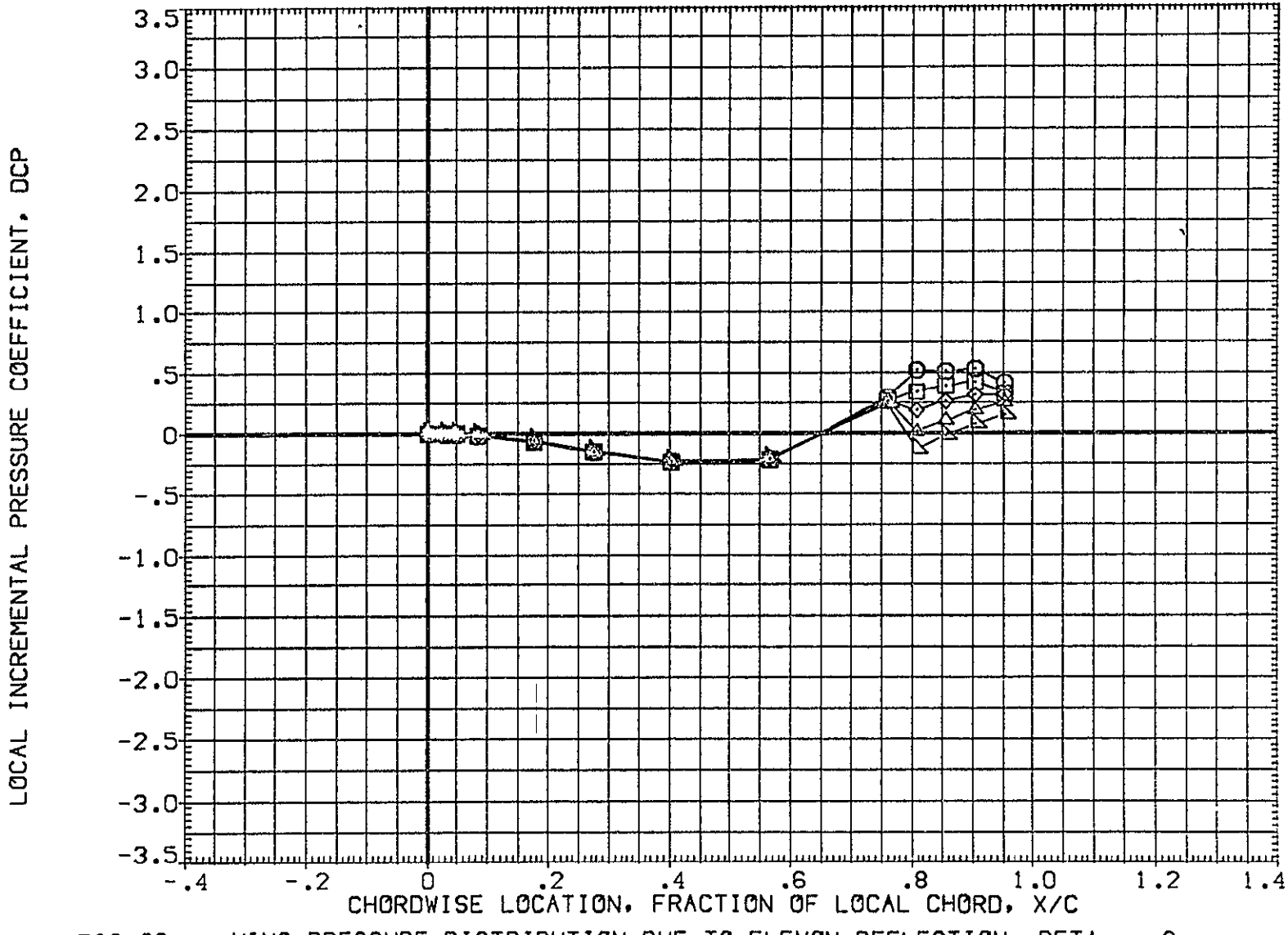

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▽	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

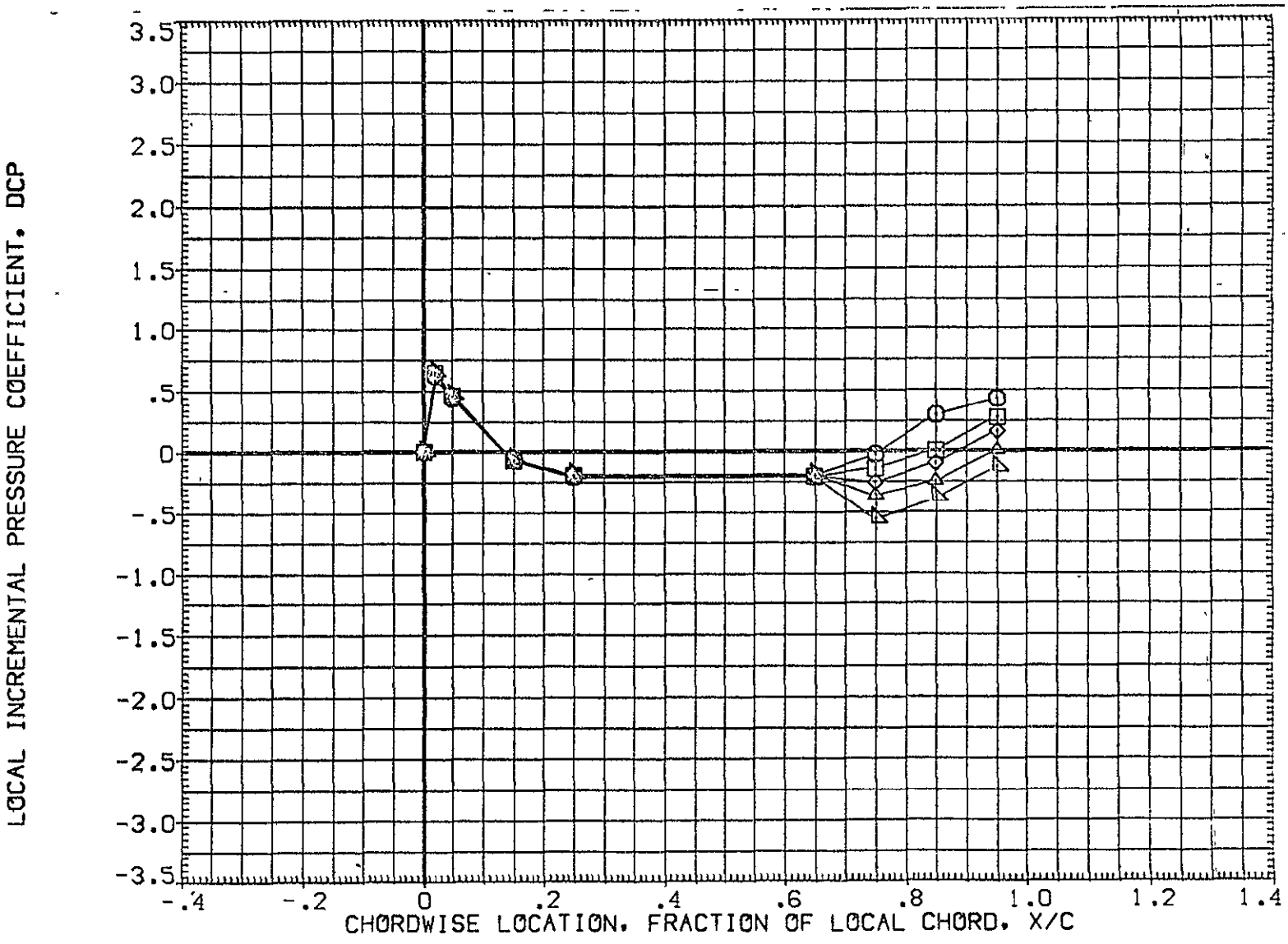

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▷	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

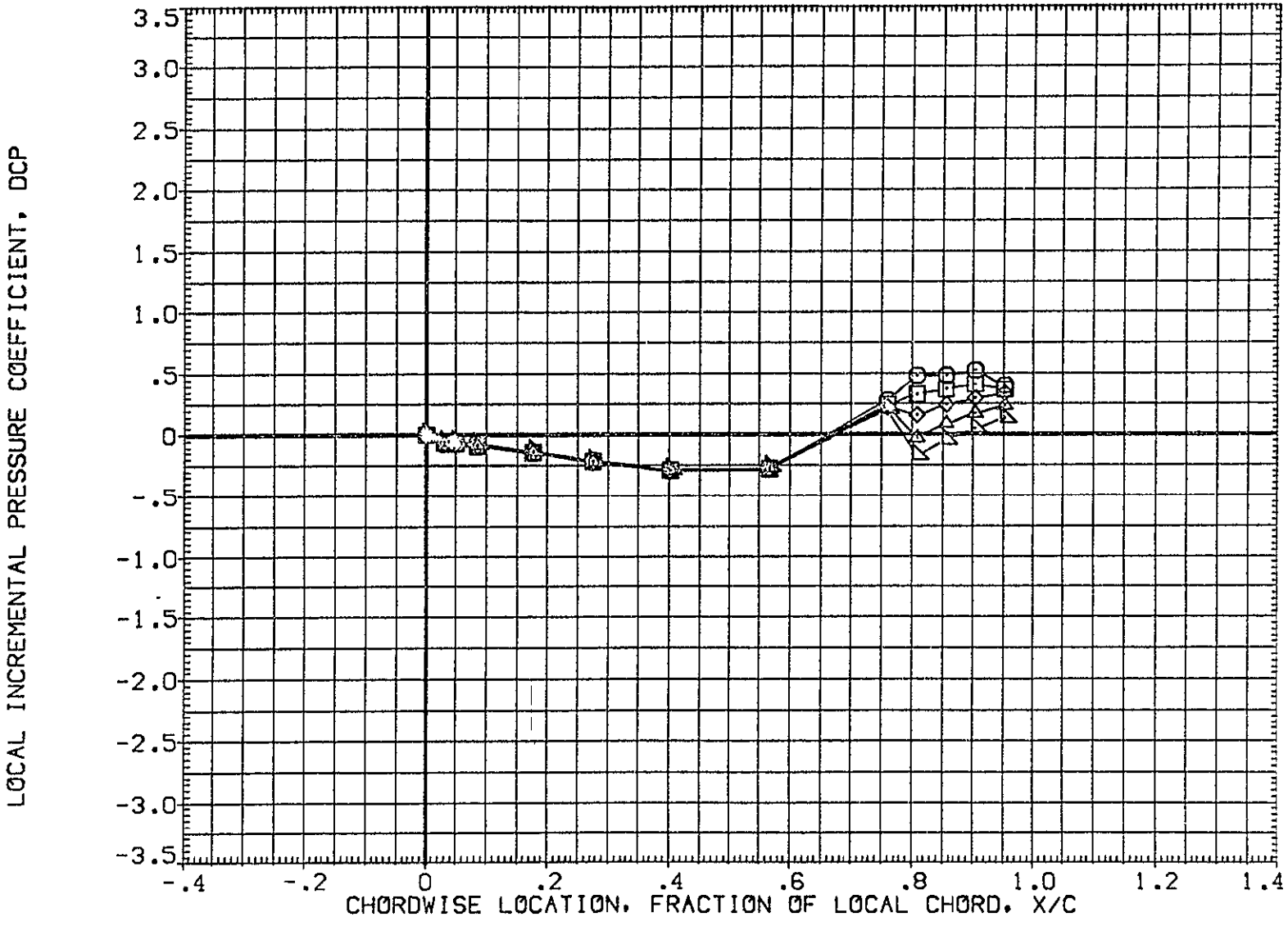

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

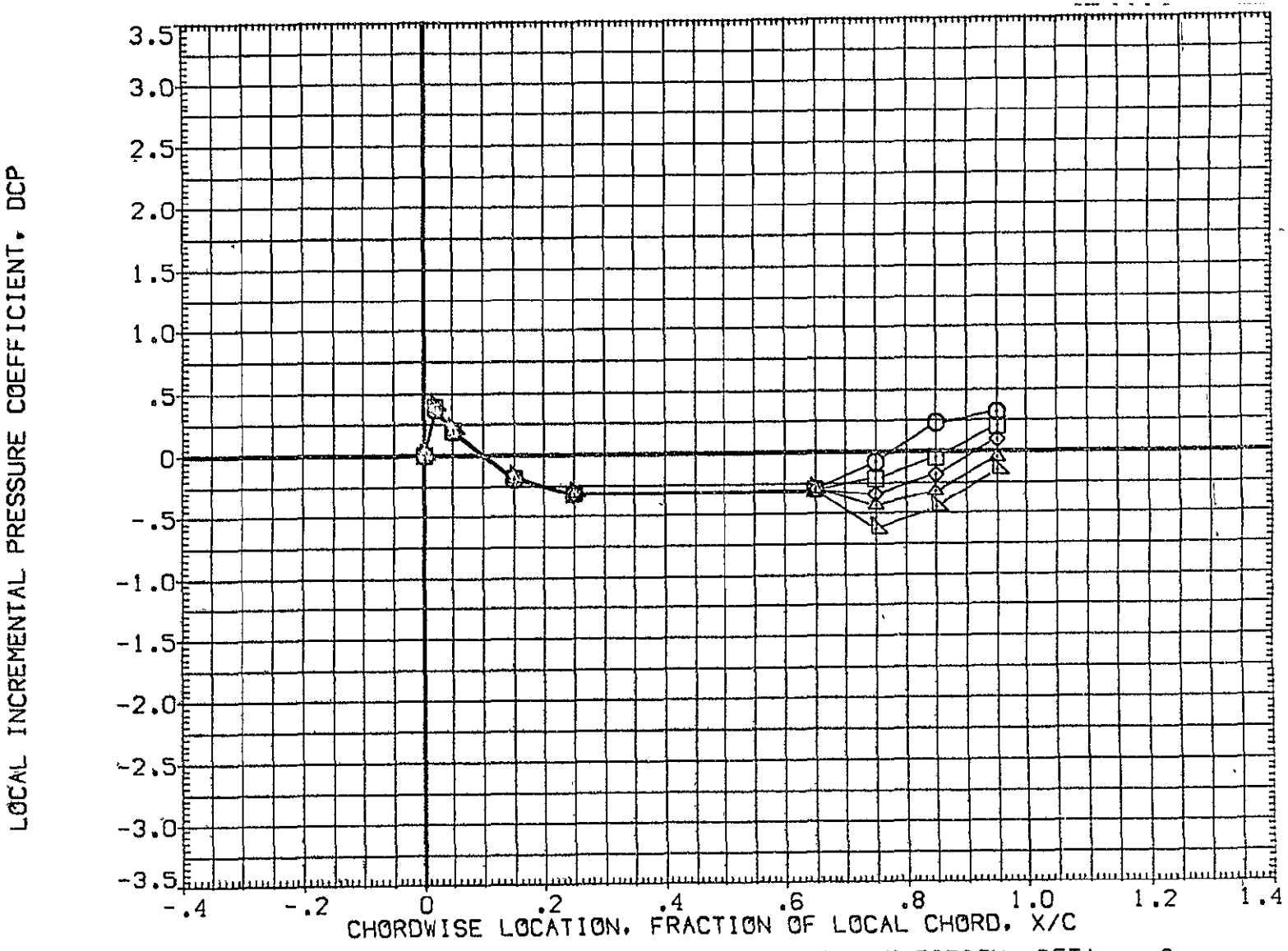

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	⋈	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

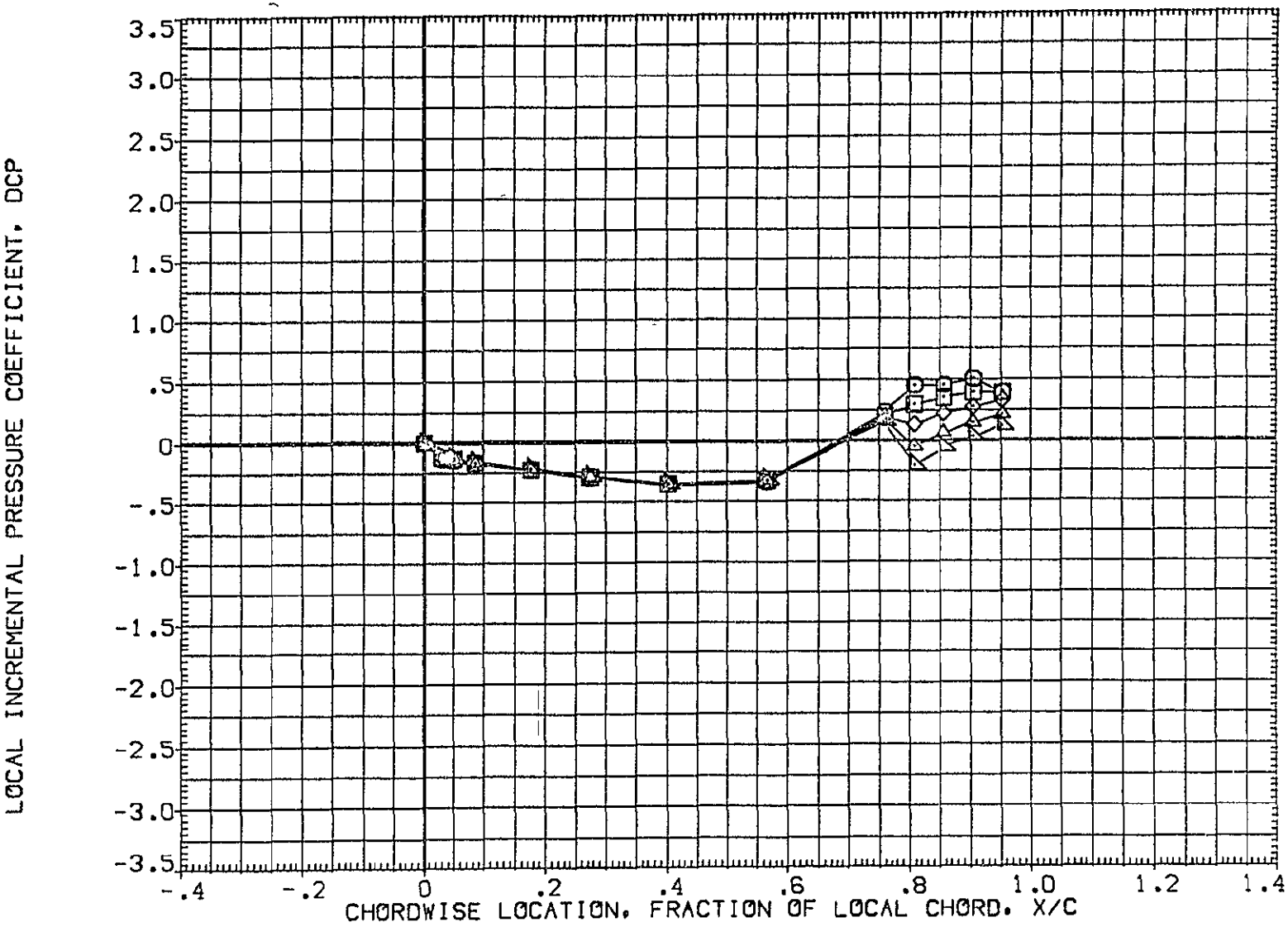

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION						ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				-4.000	.000	-4.000	-4.000
(AF7047)		1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				.000	.000	.000	.000
(AF7052)		1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				4.000	4.000	4.000	4.000
(AF7057)		1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				8.000	8.000	8.000	8.000
(AF7062)		1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)				8.000	12.000	12.000	12.000

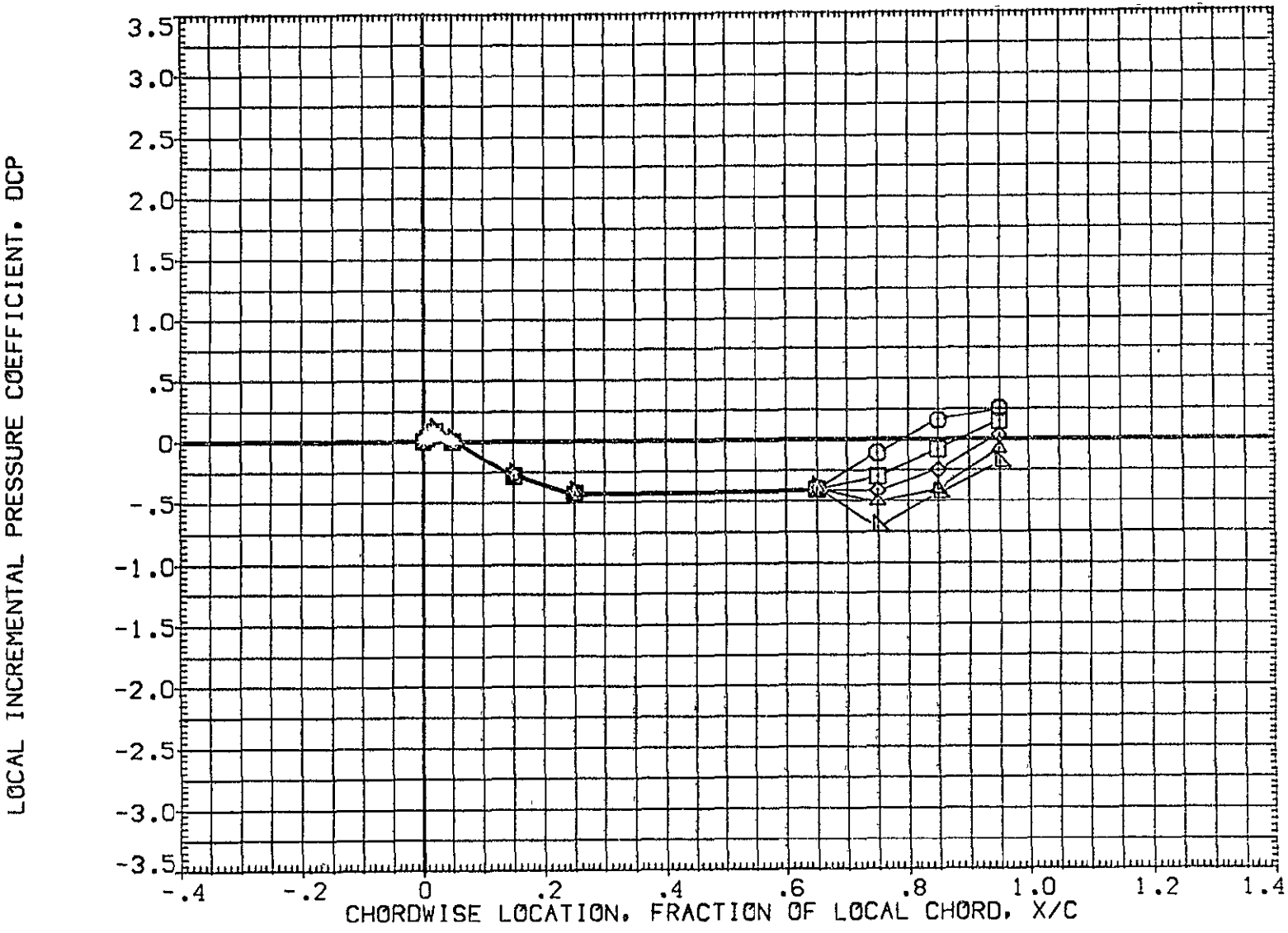

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	□	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	◇	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	⊠	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	⊠	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	△	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

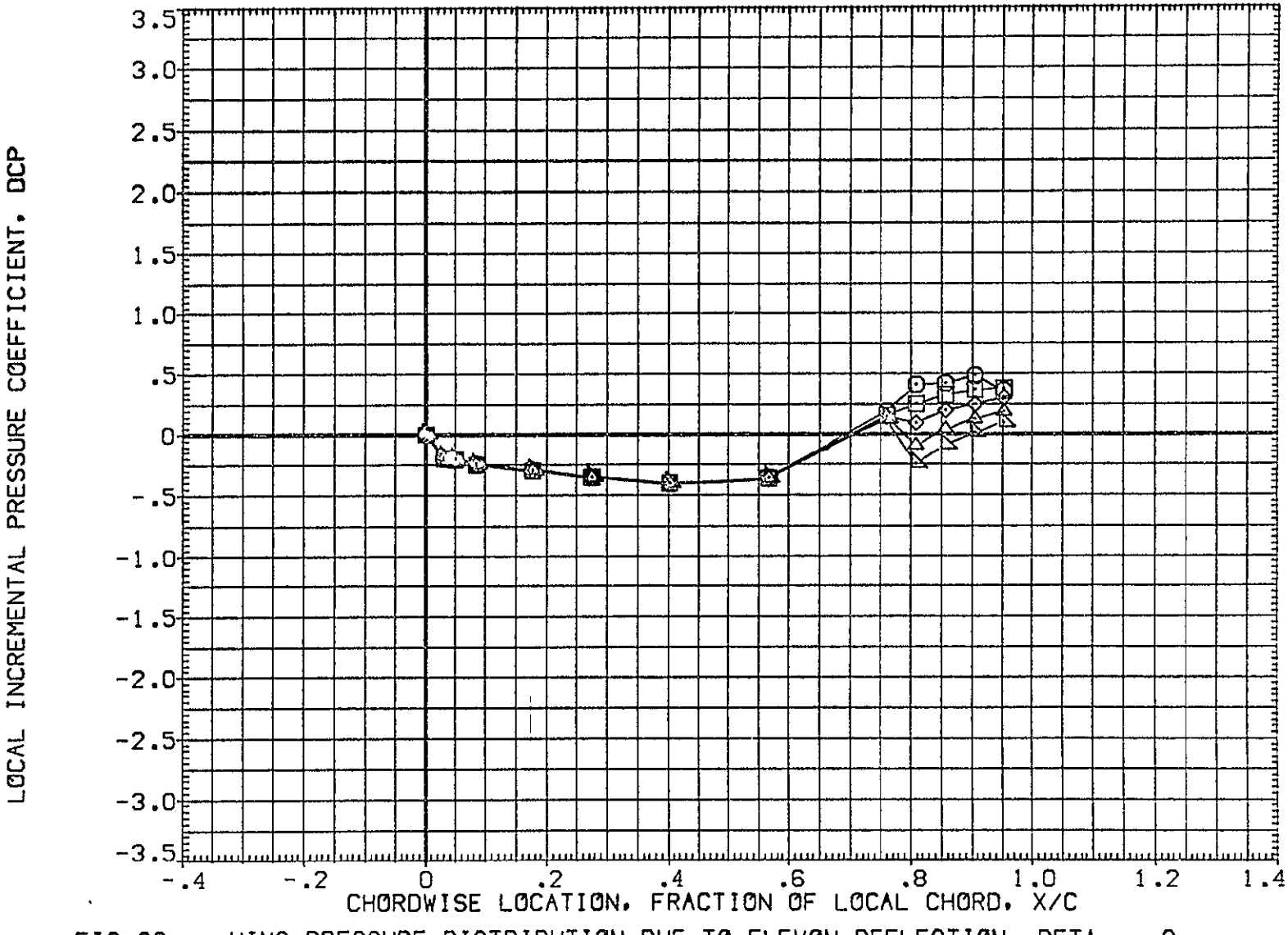

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		.000	.000	.000	.000
(AF7052)	◇	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		4.000	4.000	4.000	4.000
(AF7057)	△	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7062)	▽	1A70	01 T12 S1 P2 P8	WING	(UPPER - LOWER)		8.000	12.000	12.000	12.000

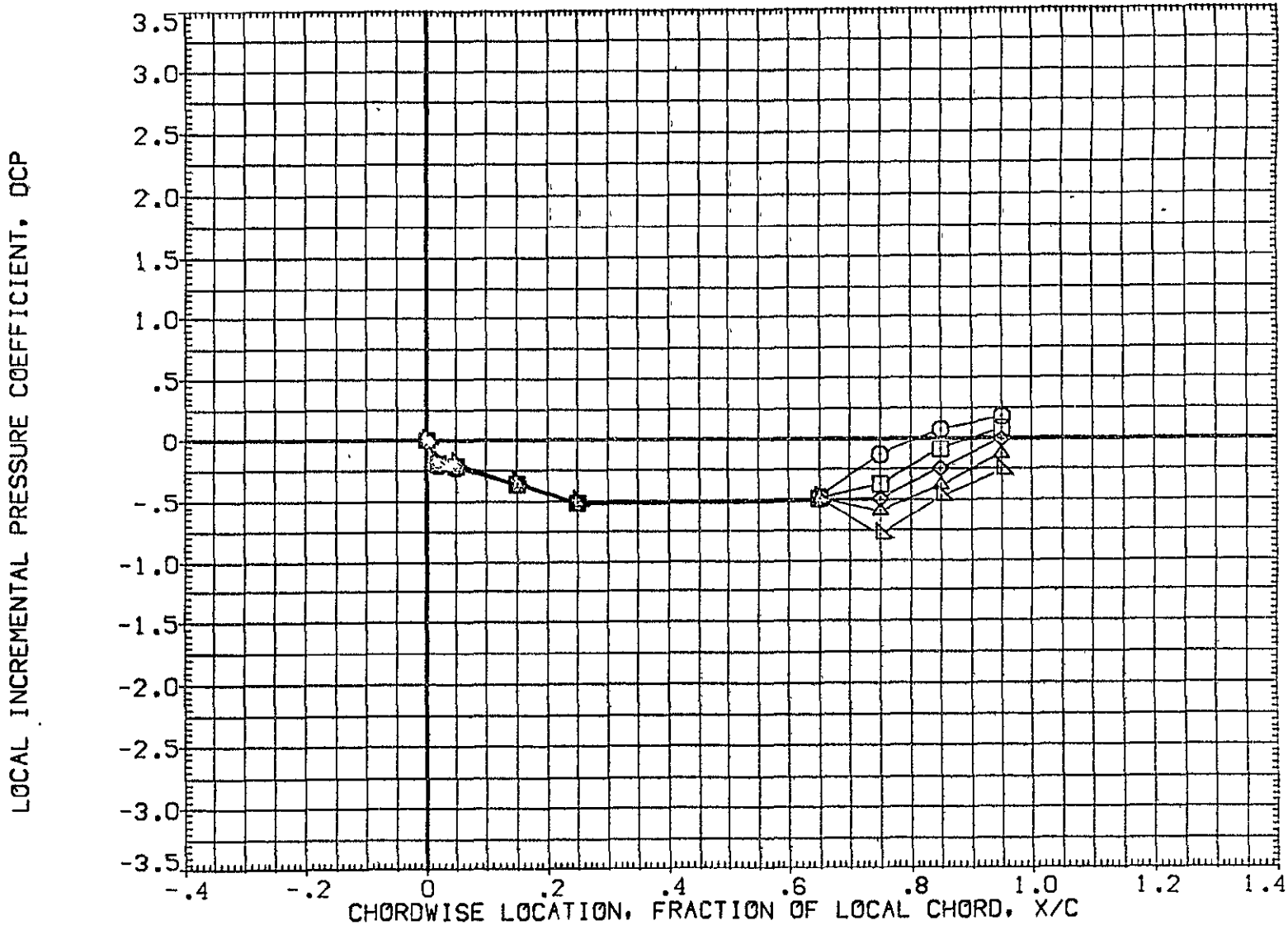

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	▽	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	◺	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

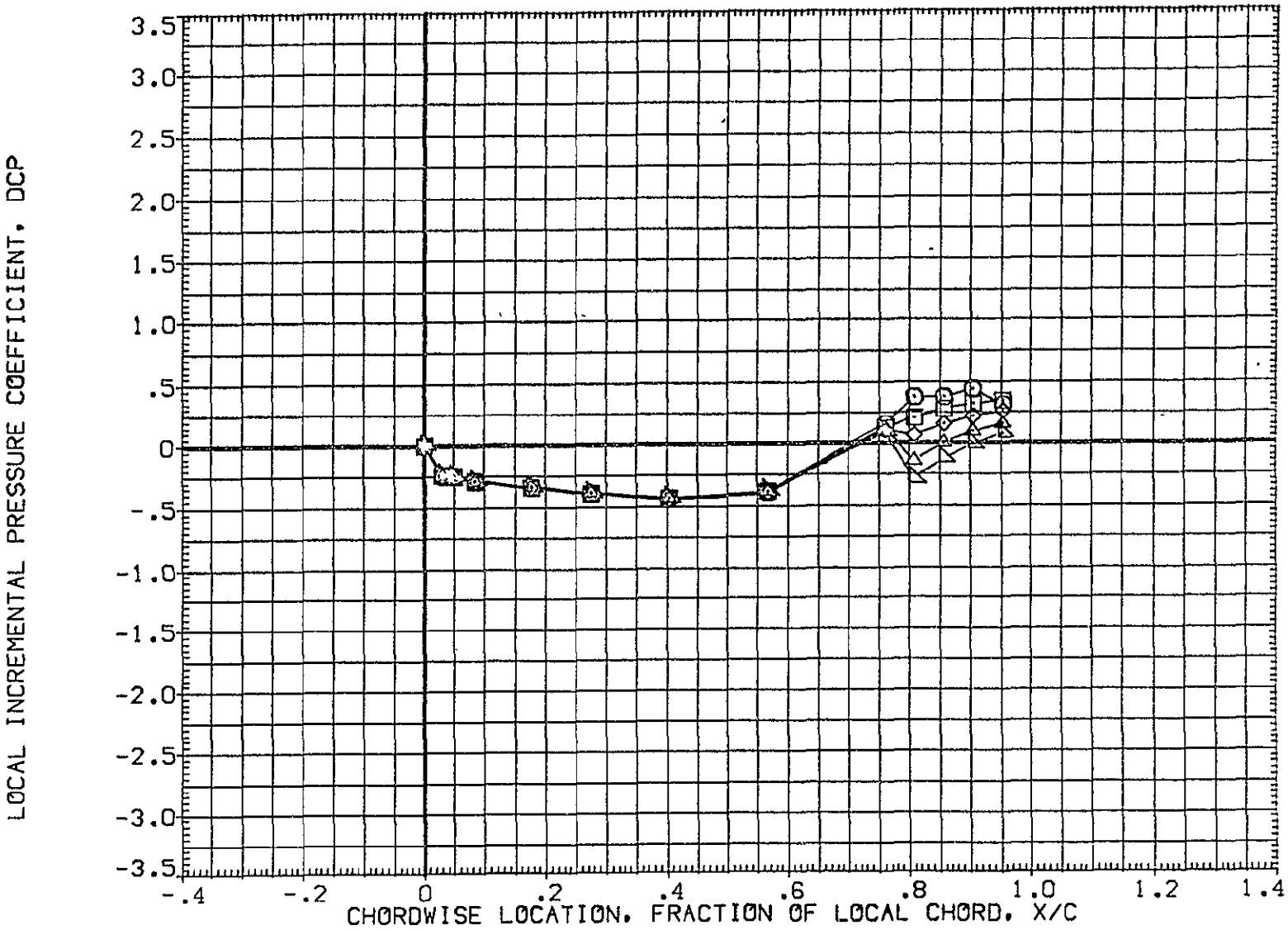

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	-4.000	.000	-4.000	-4.000
(AF7047)	□	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7052)	◇	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	4.000	4.000	4.000	4.000
(AF7057)	△	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7062)	▽	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	12.000	12.000	12.000

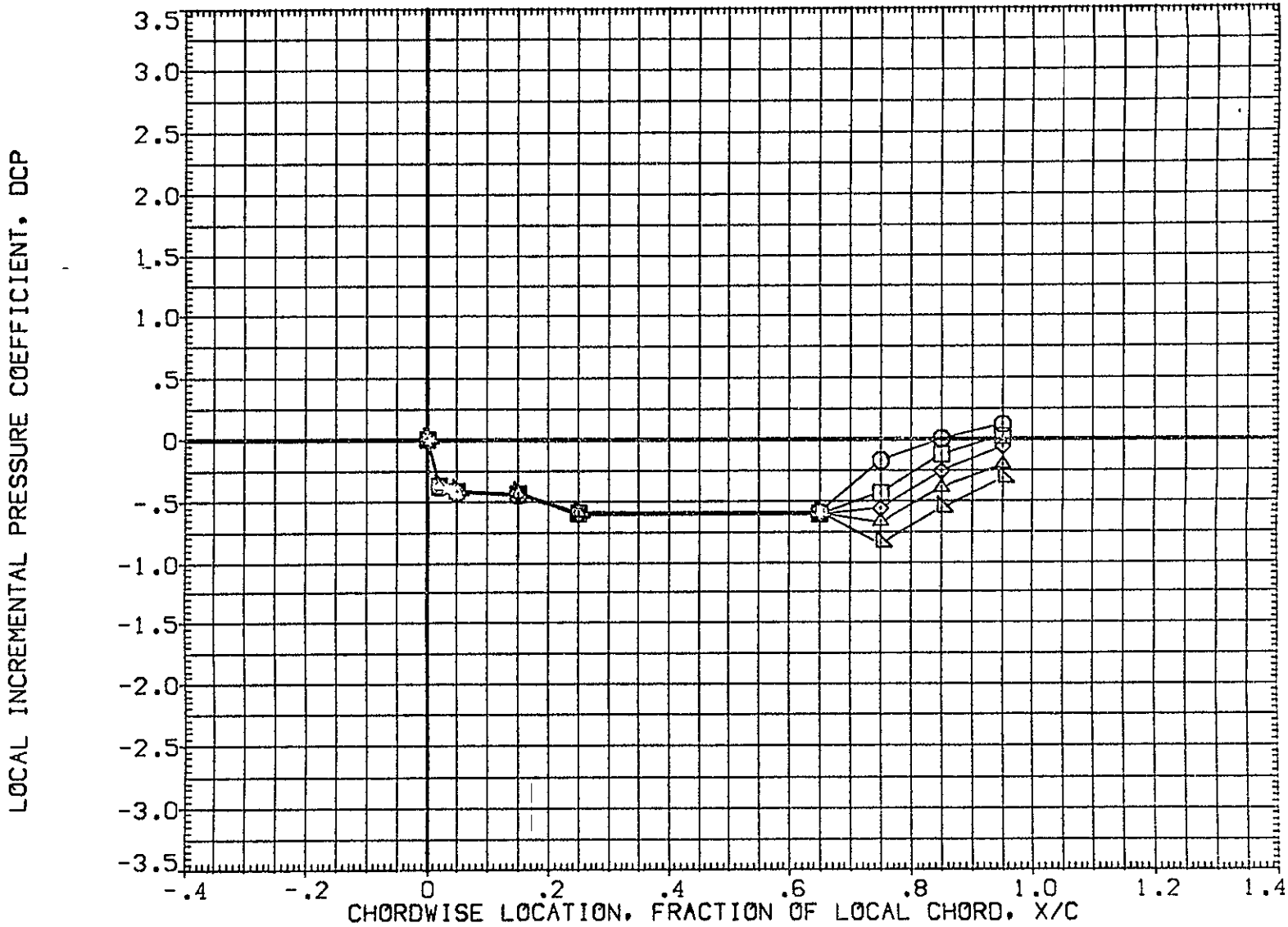

FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

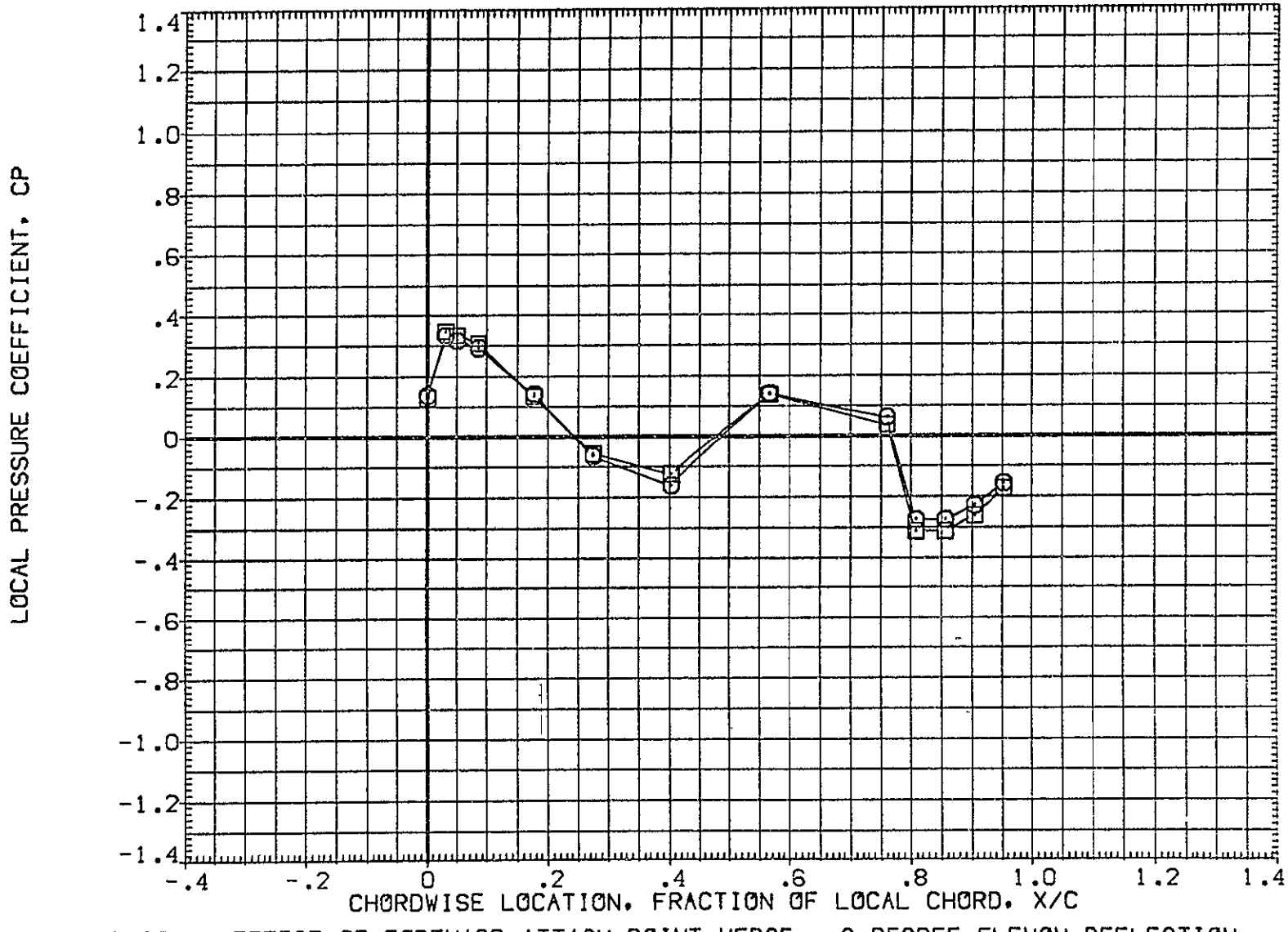

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

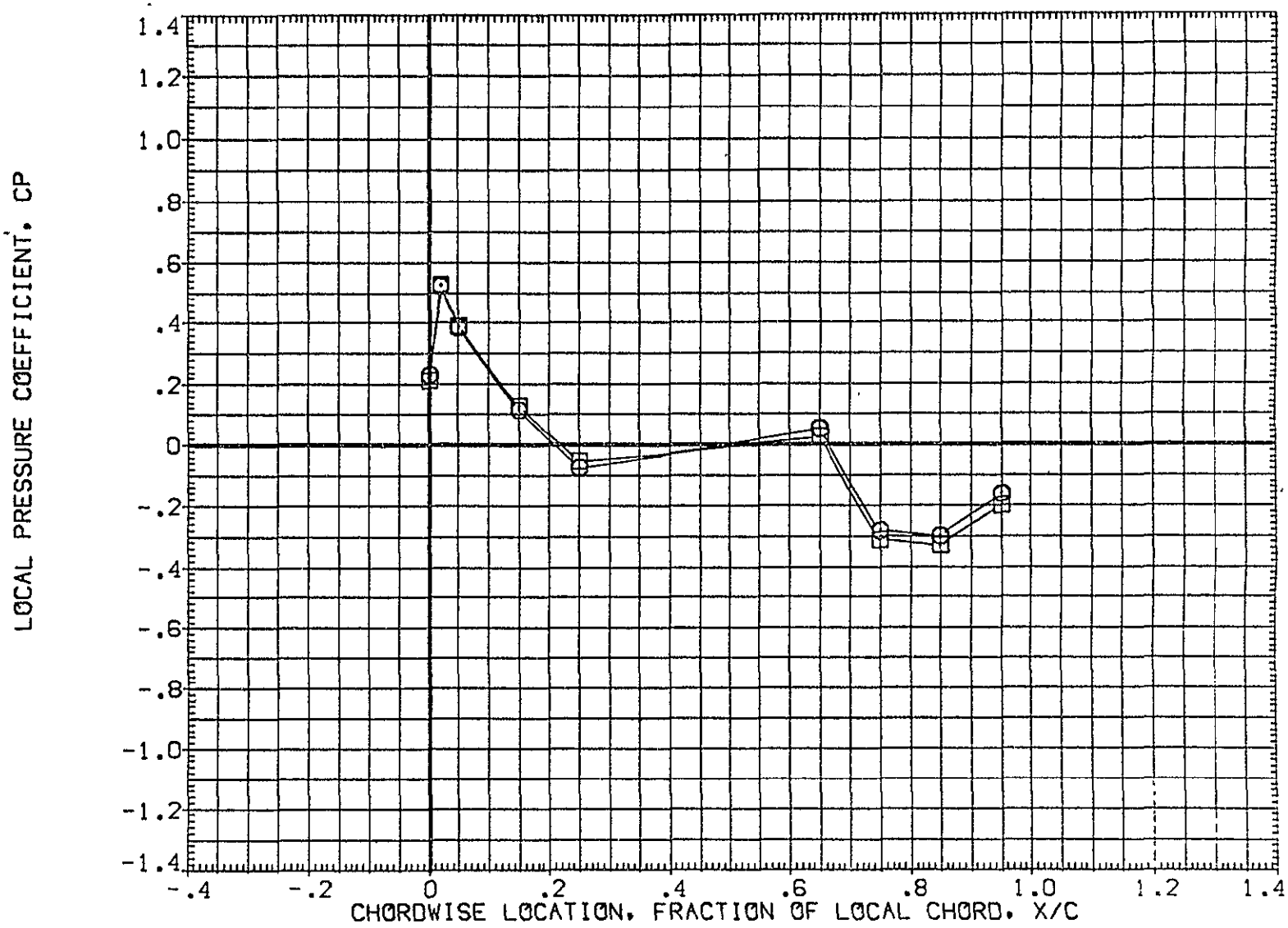

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

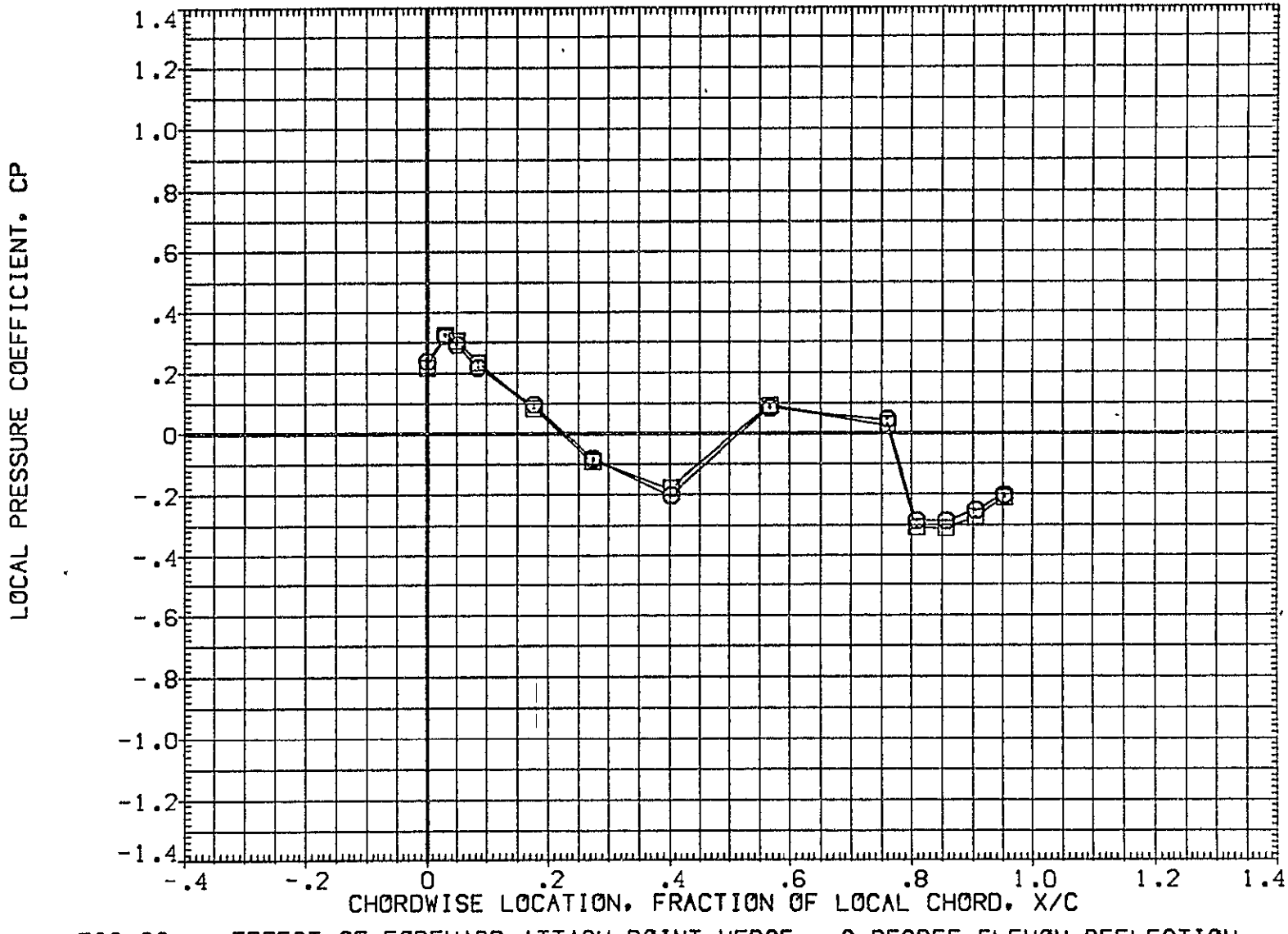

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55) ○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66) □	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

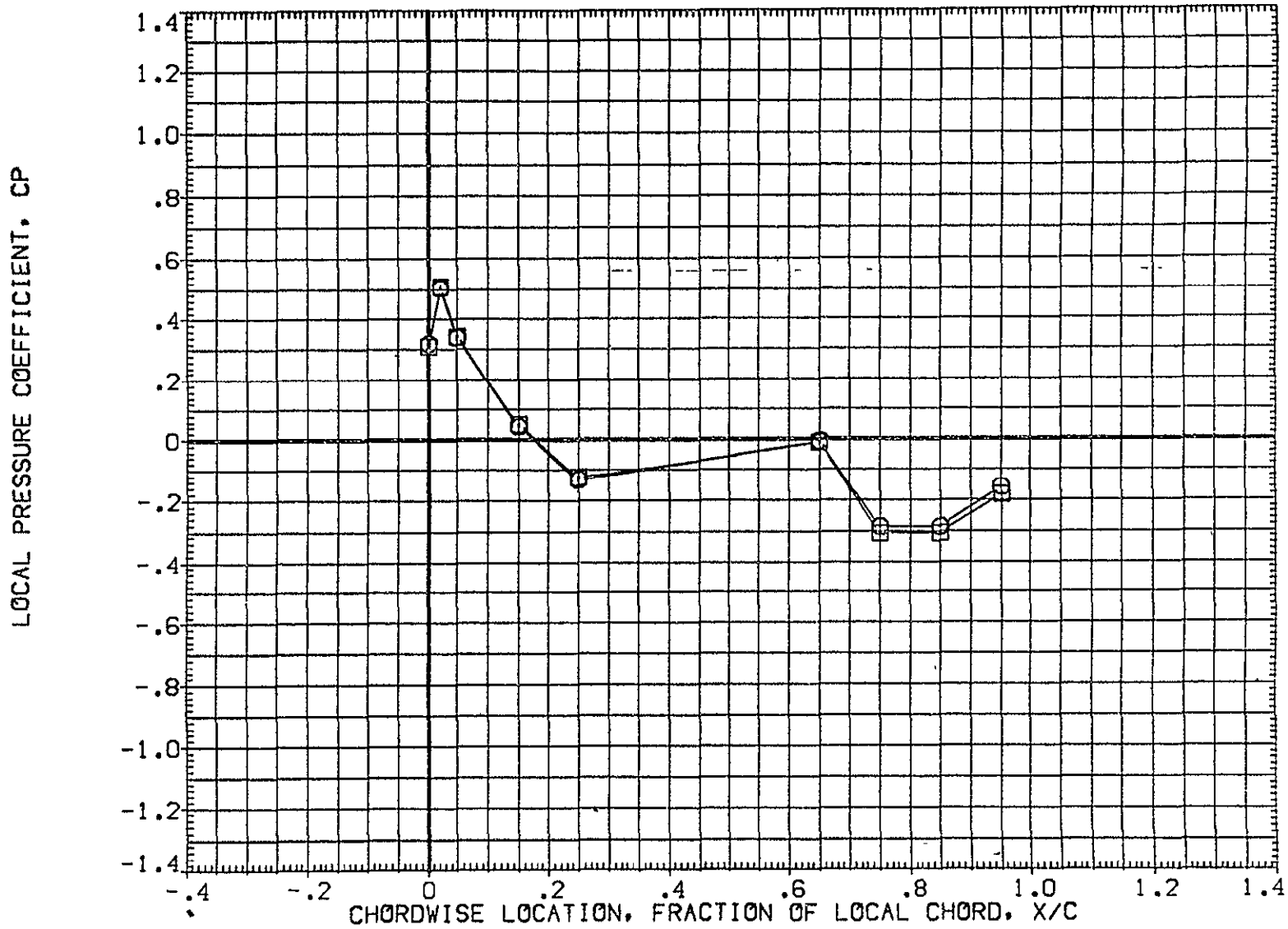

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55) ○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66) □	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

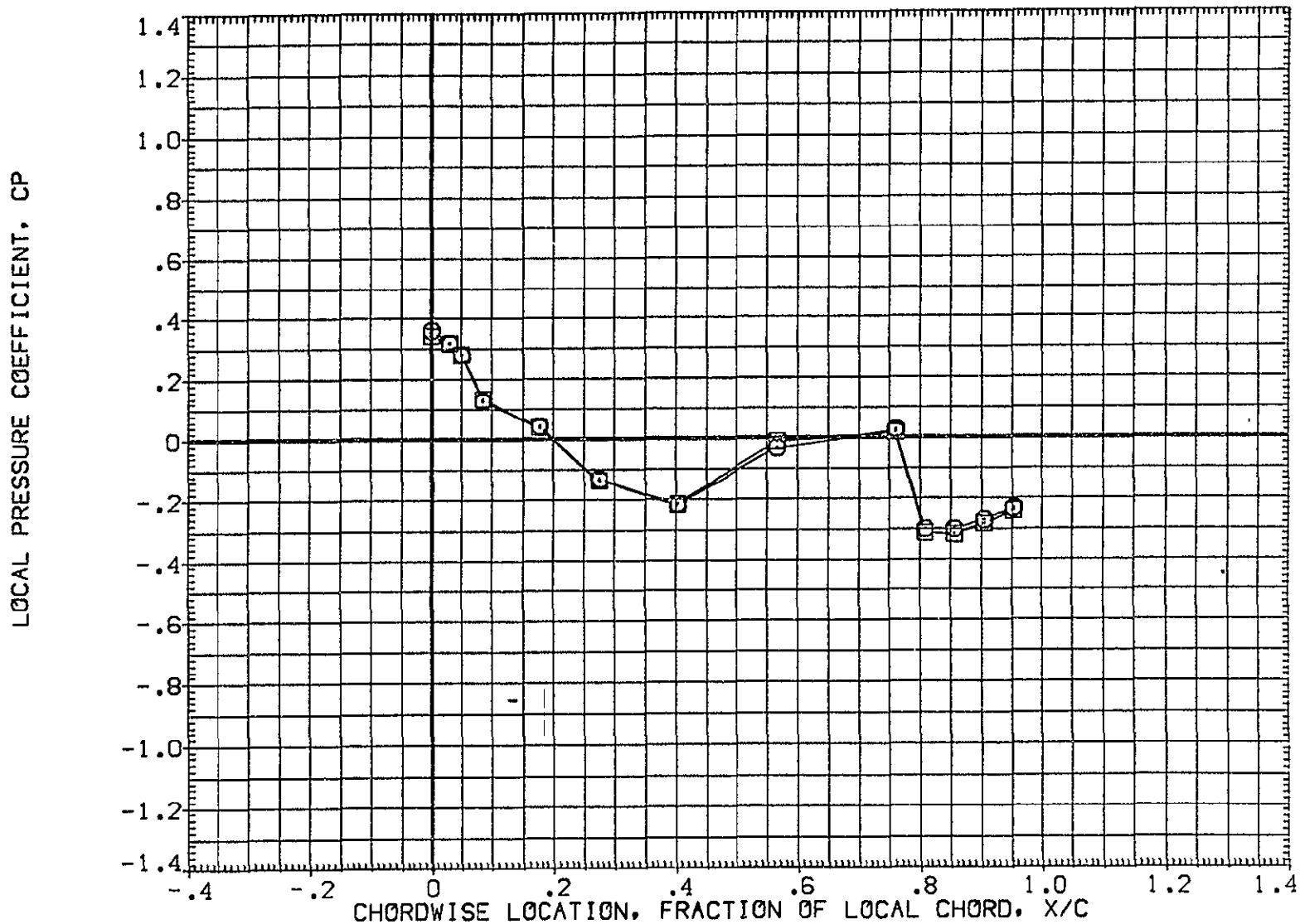

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

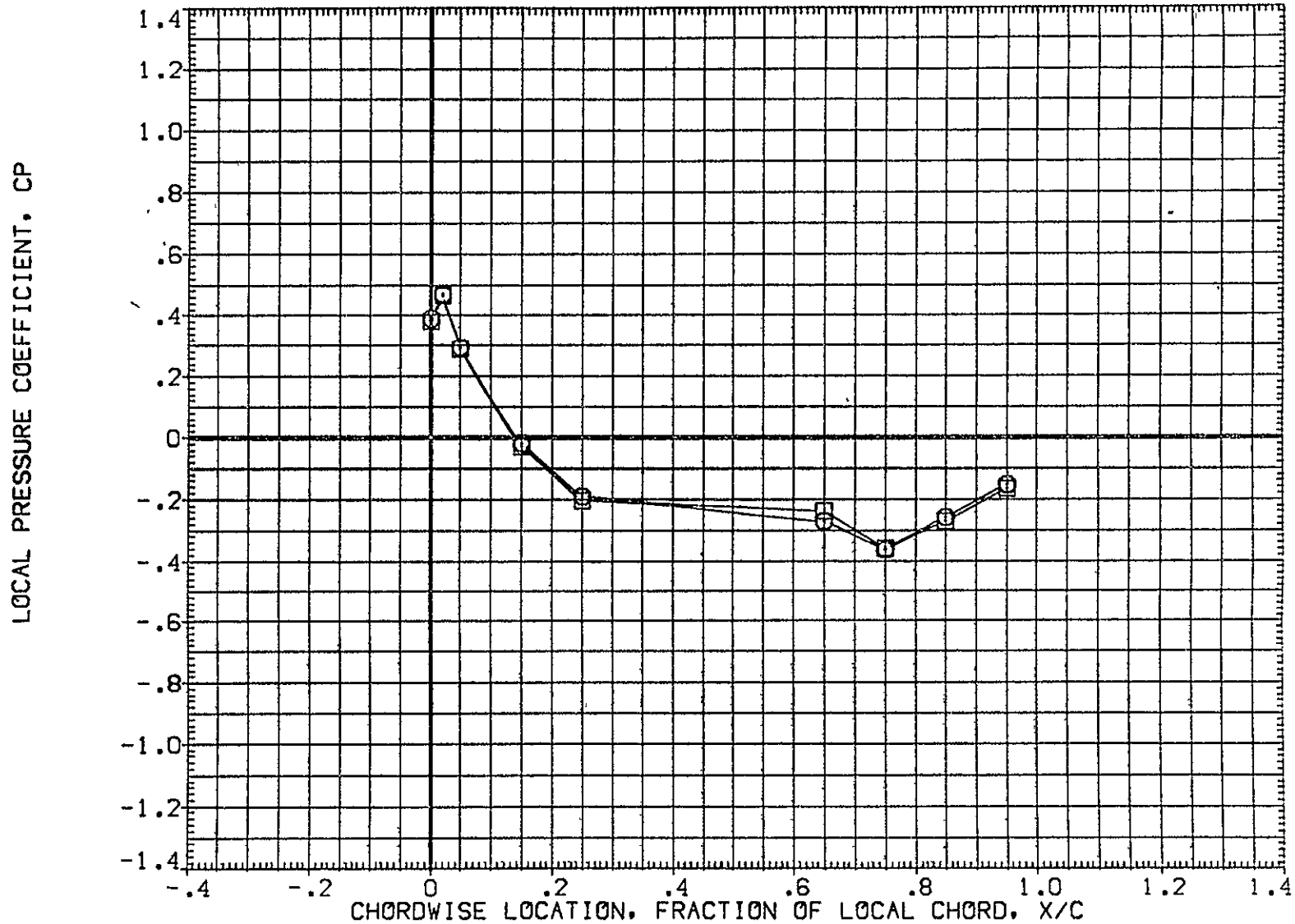

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	0.000	0.000	0.000	0.000
(AF7U66)	□	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	0.000	0.000	0.000	0.000

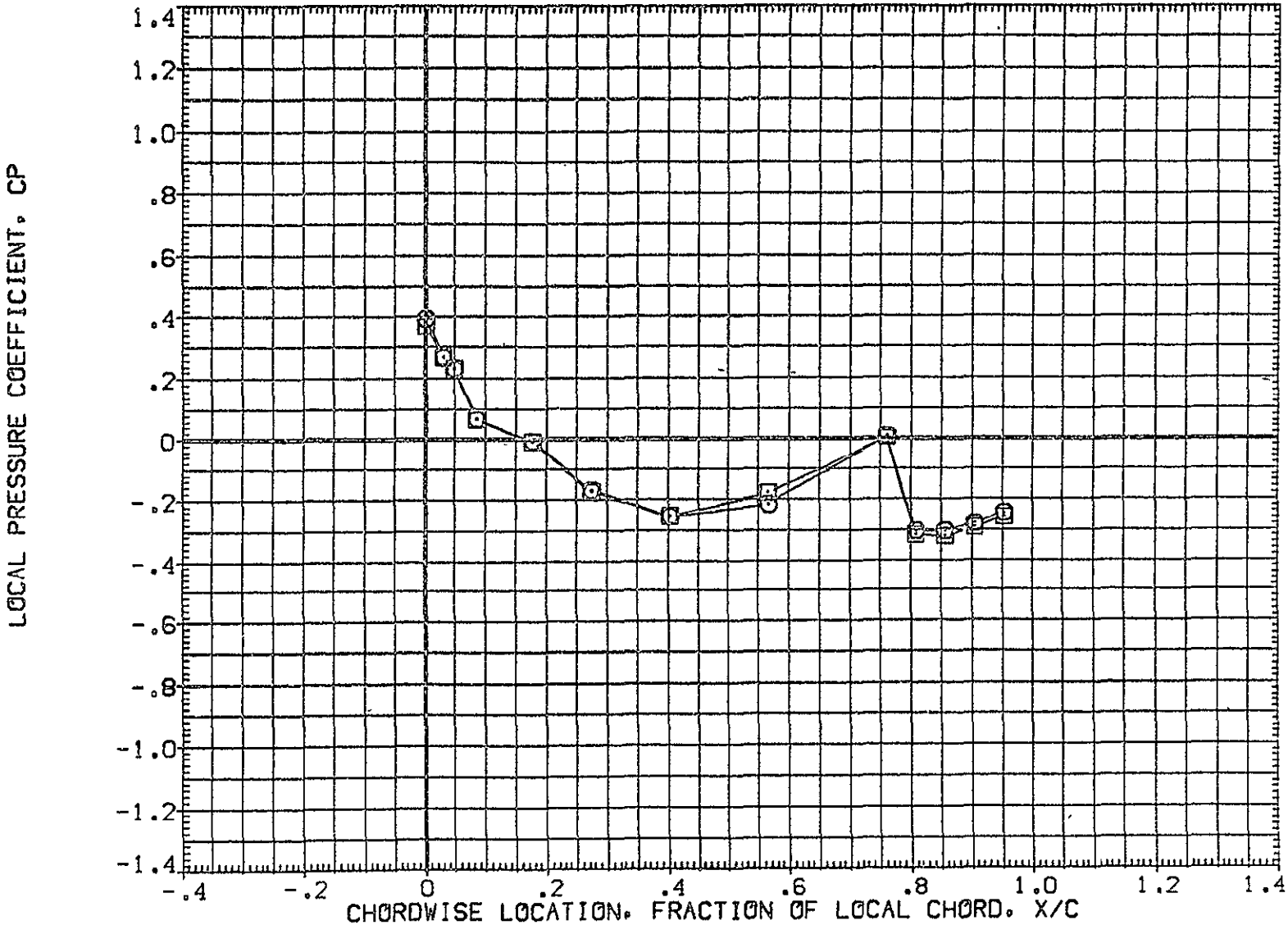

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

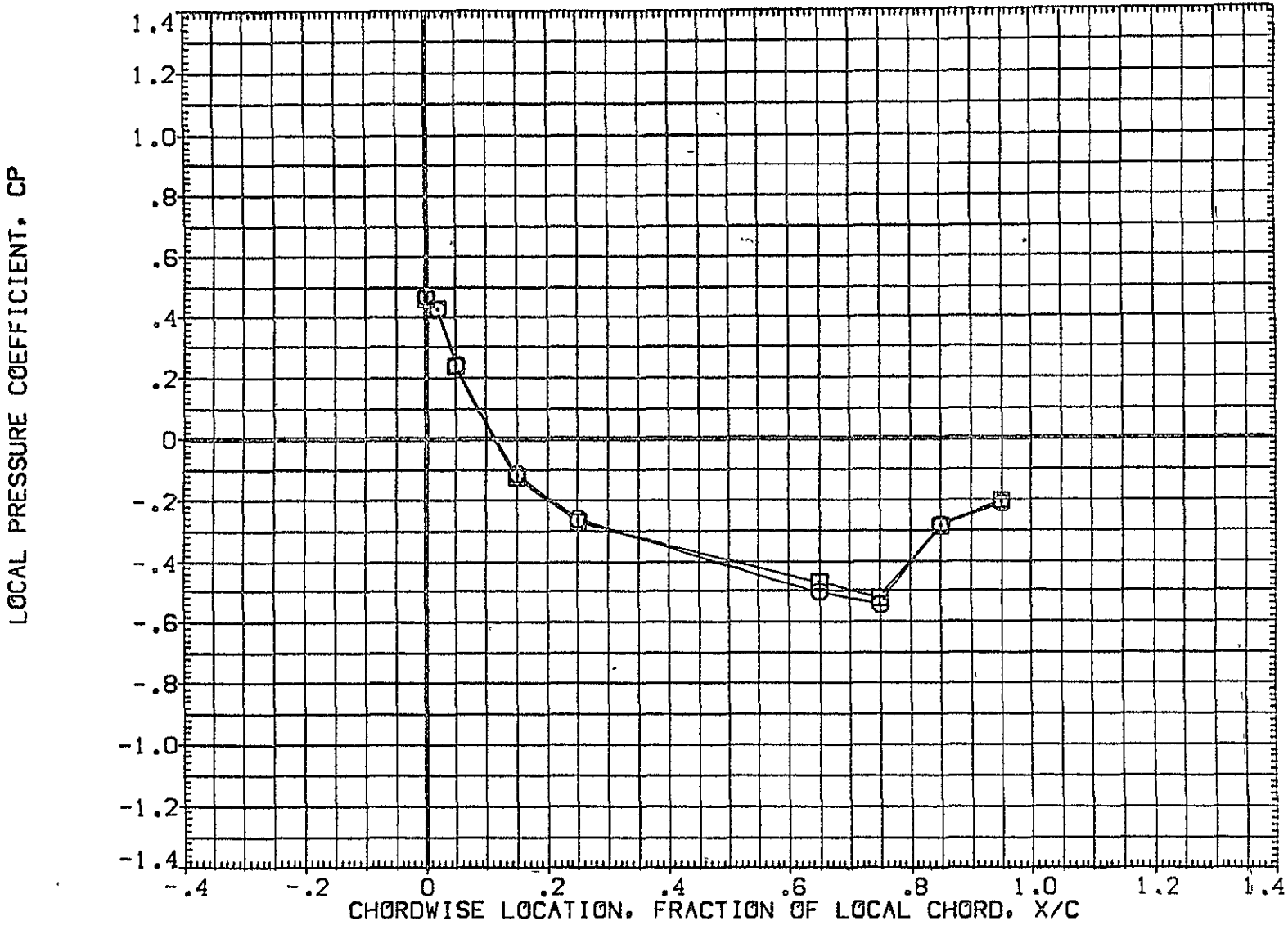

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55) ○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66) □	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

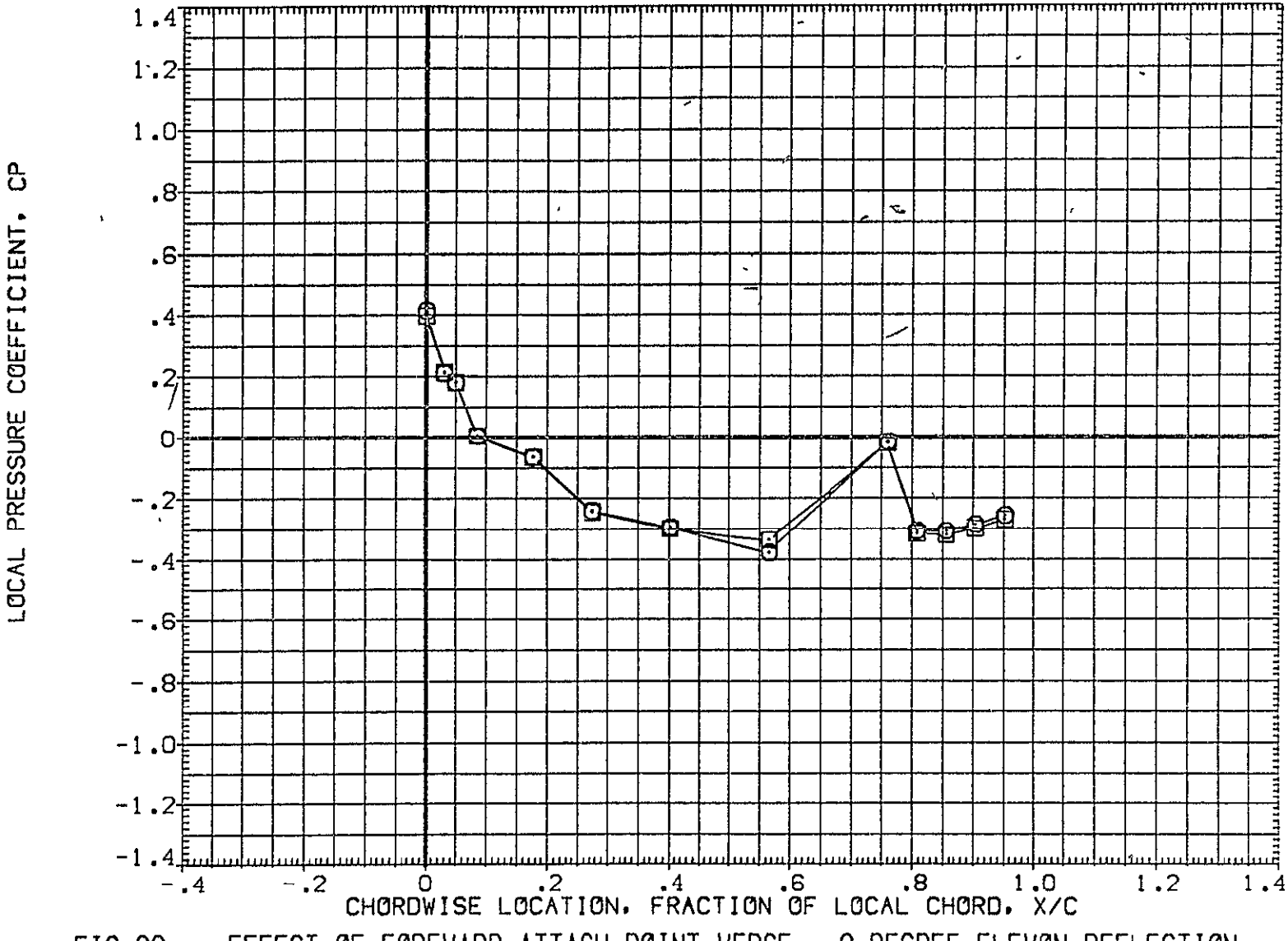

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55) ○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66) □	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

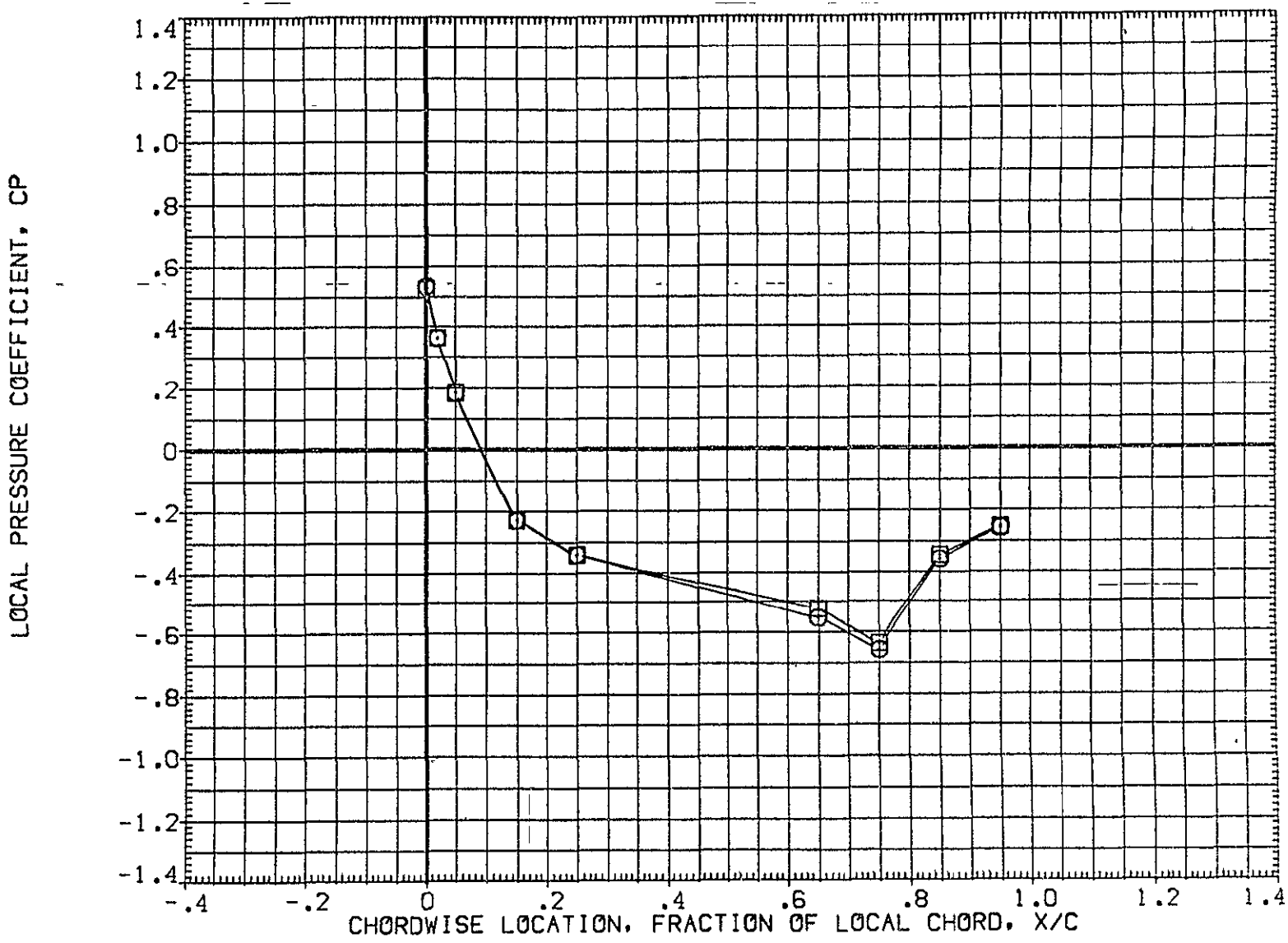

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

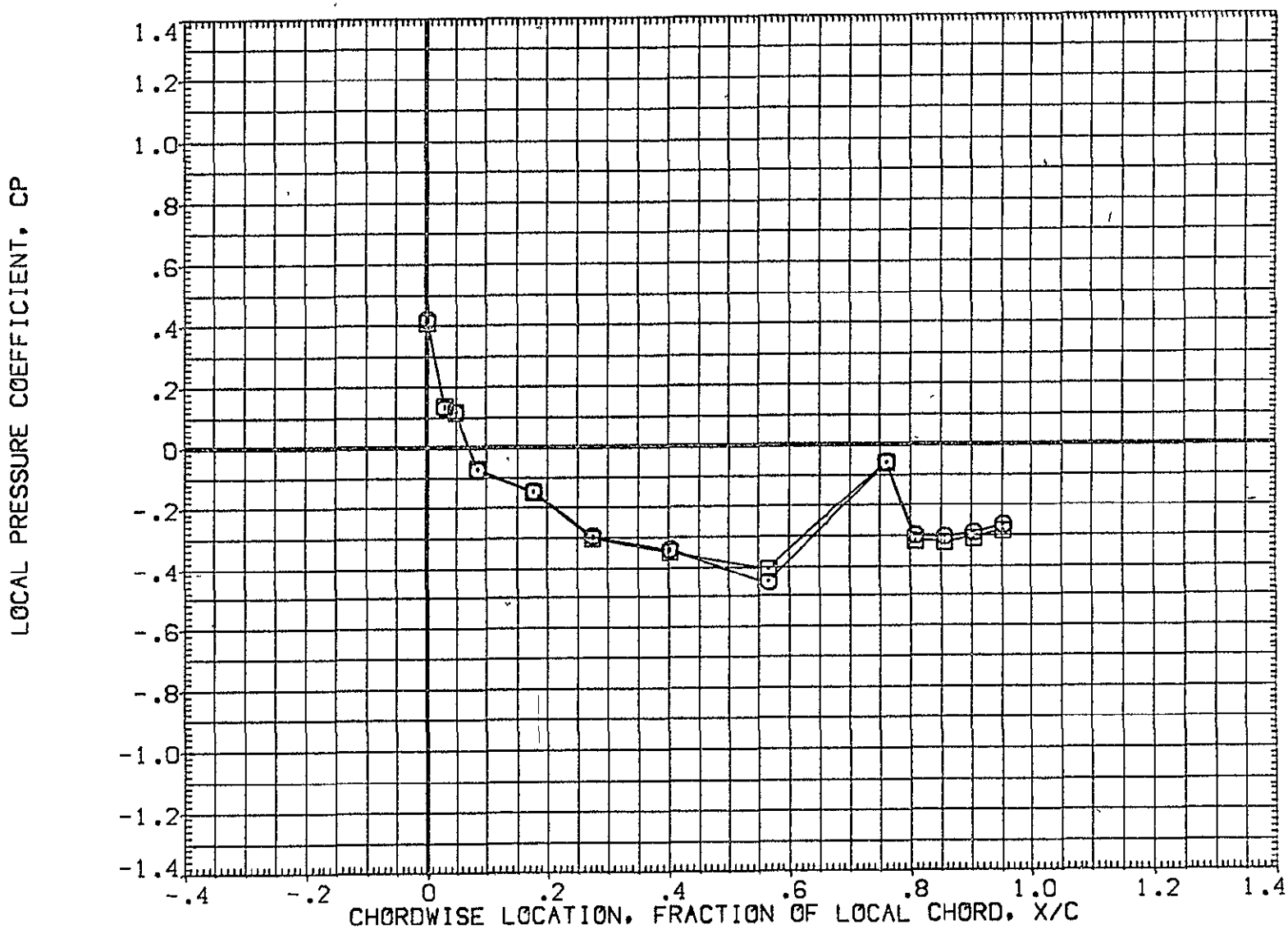

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

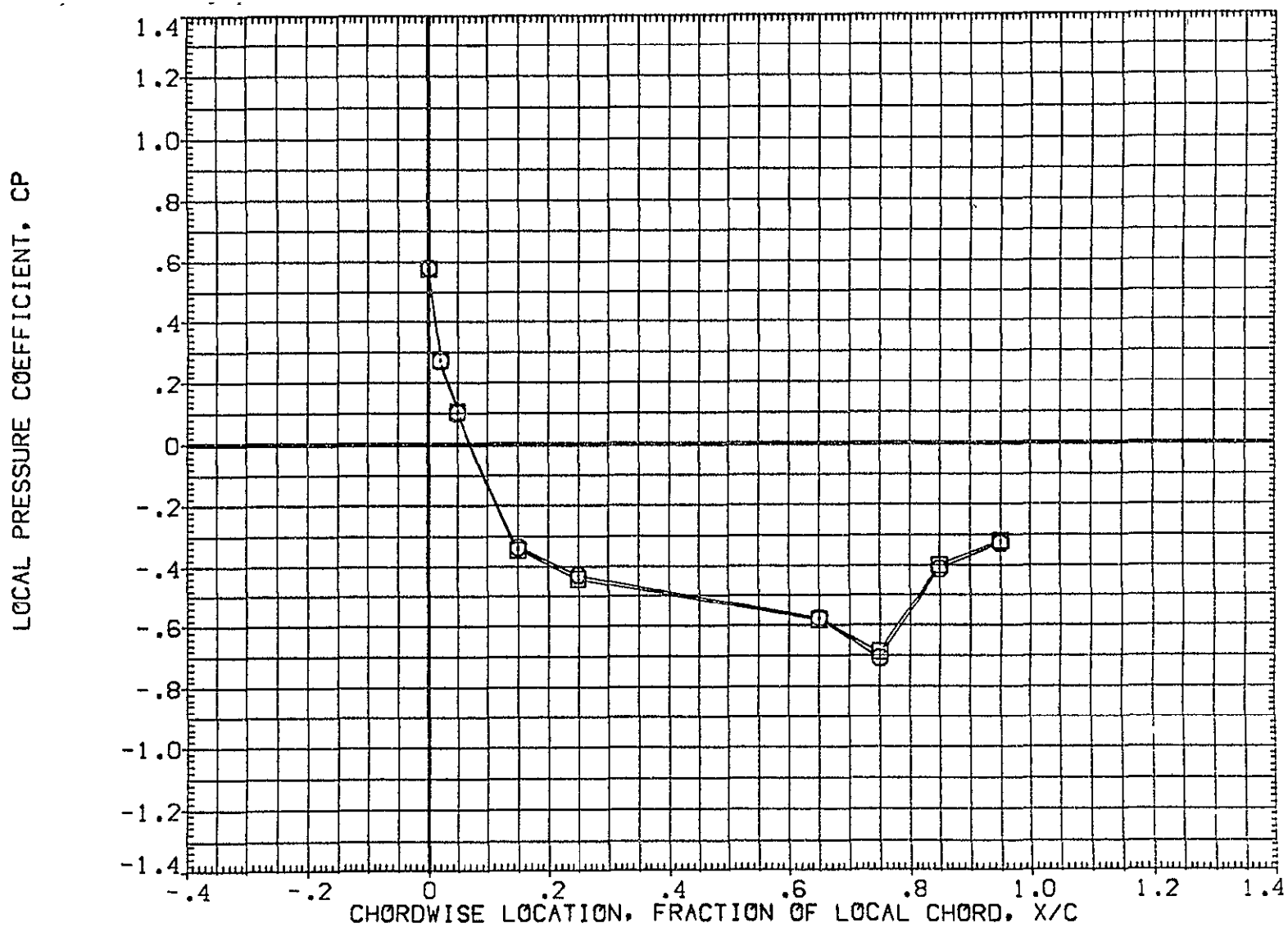

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE		8.000	8.000	8.000	8.000
(AF7U66)	□	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE		8.000	8.000	8.000	8.000

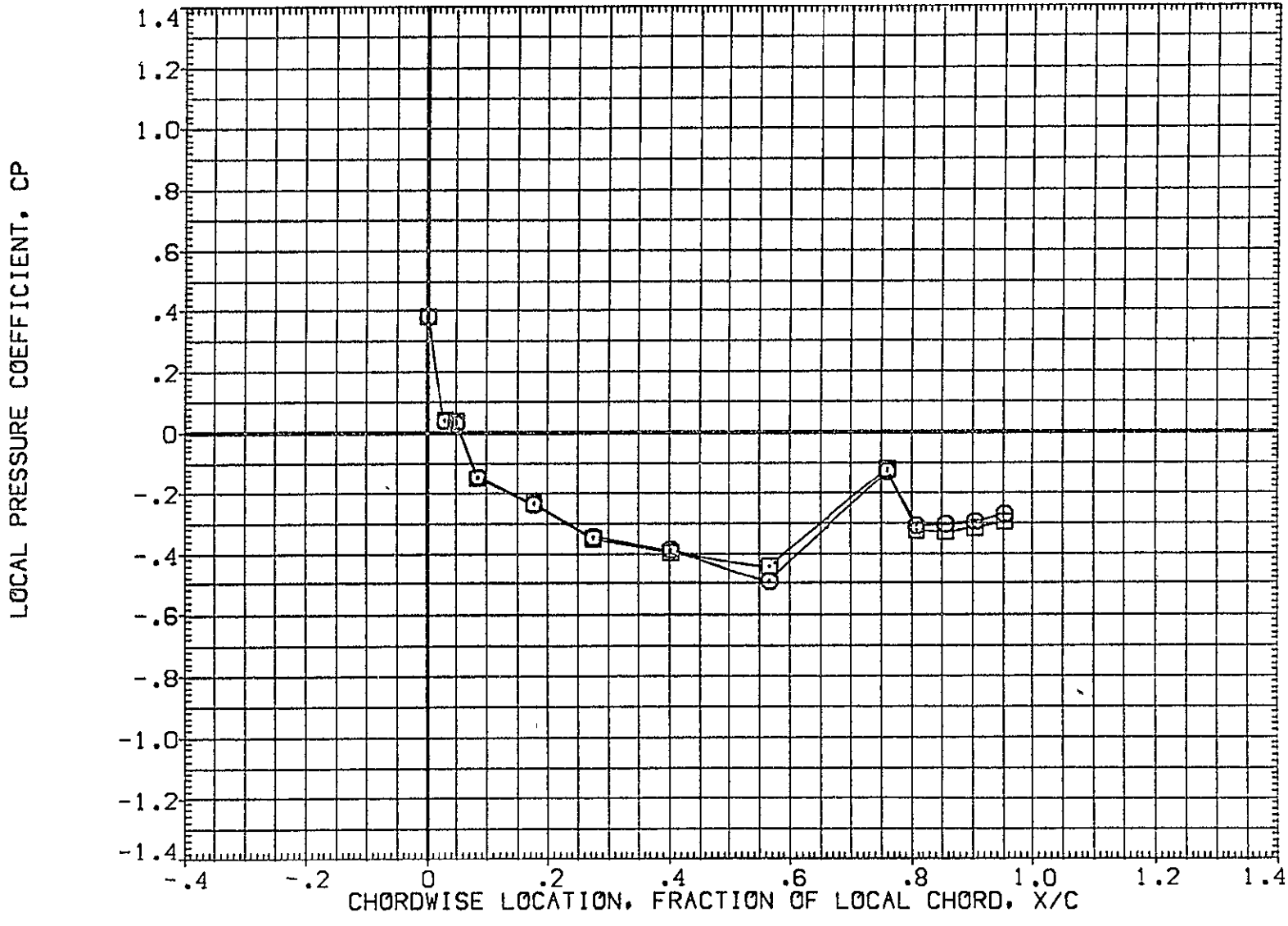

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

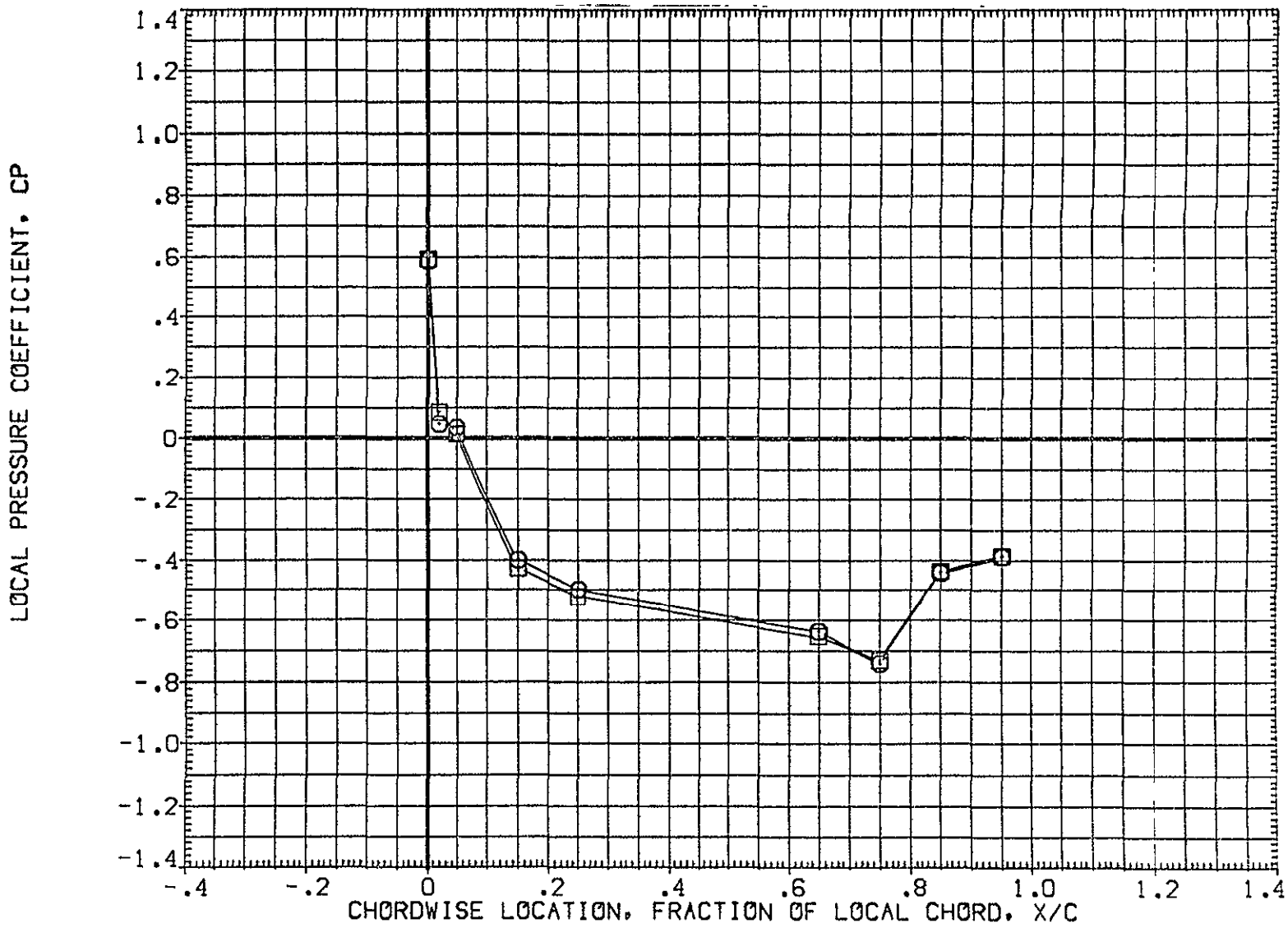

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55) ○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66) □	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

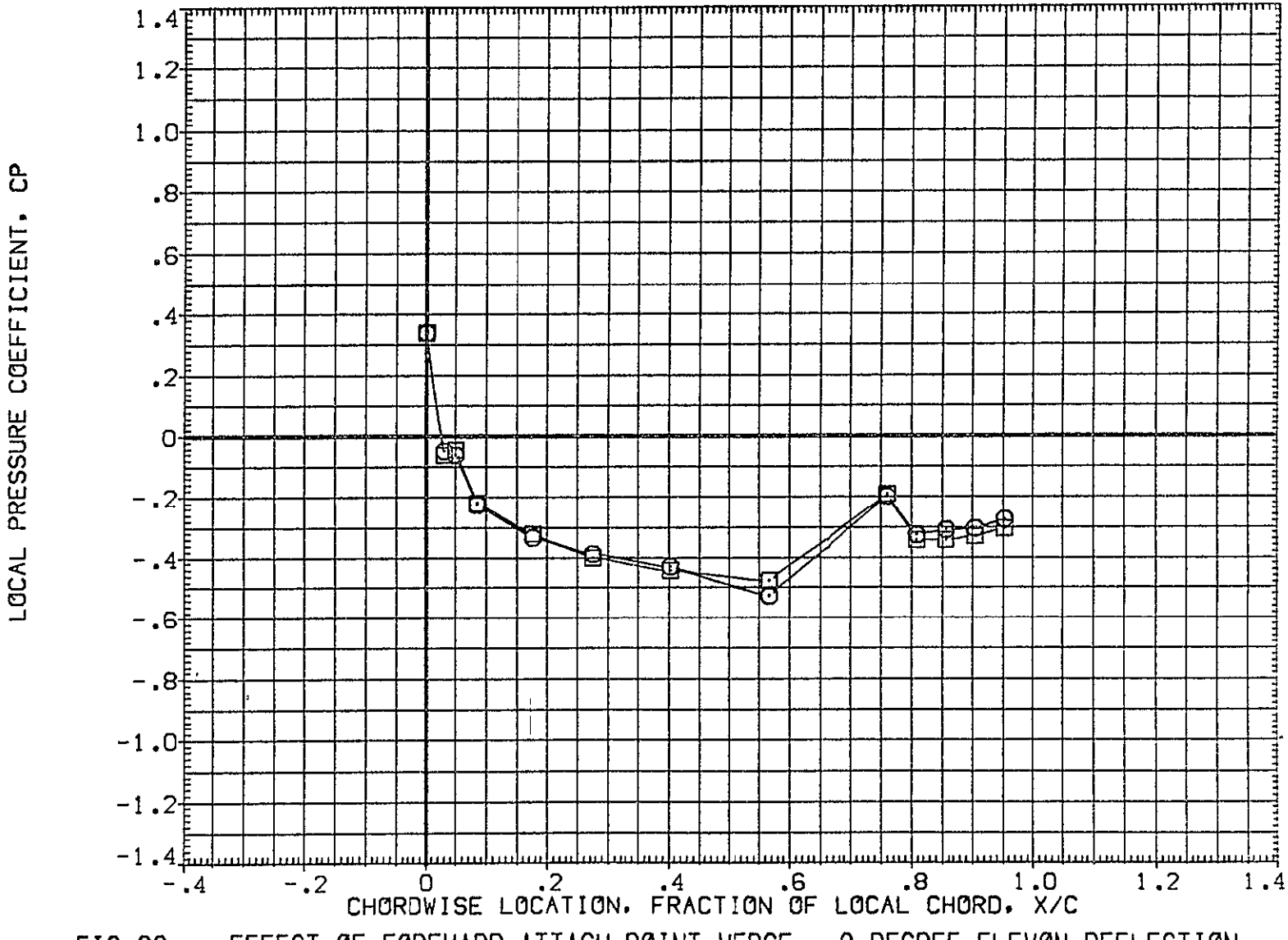

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

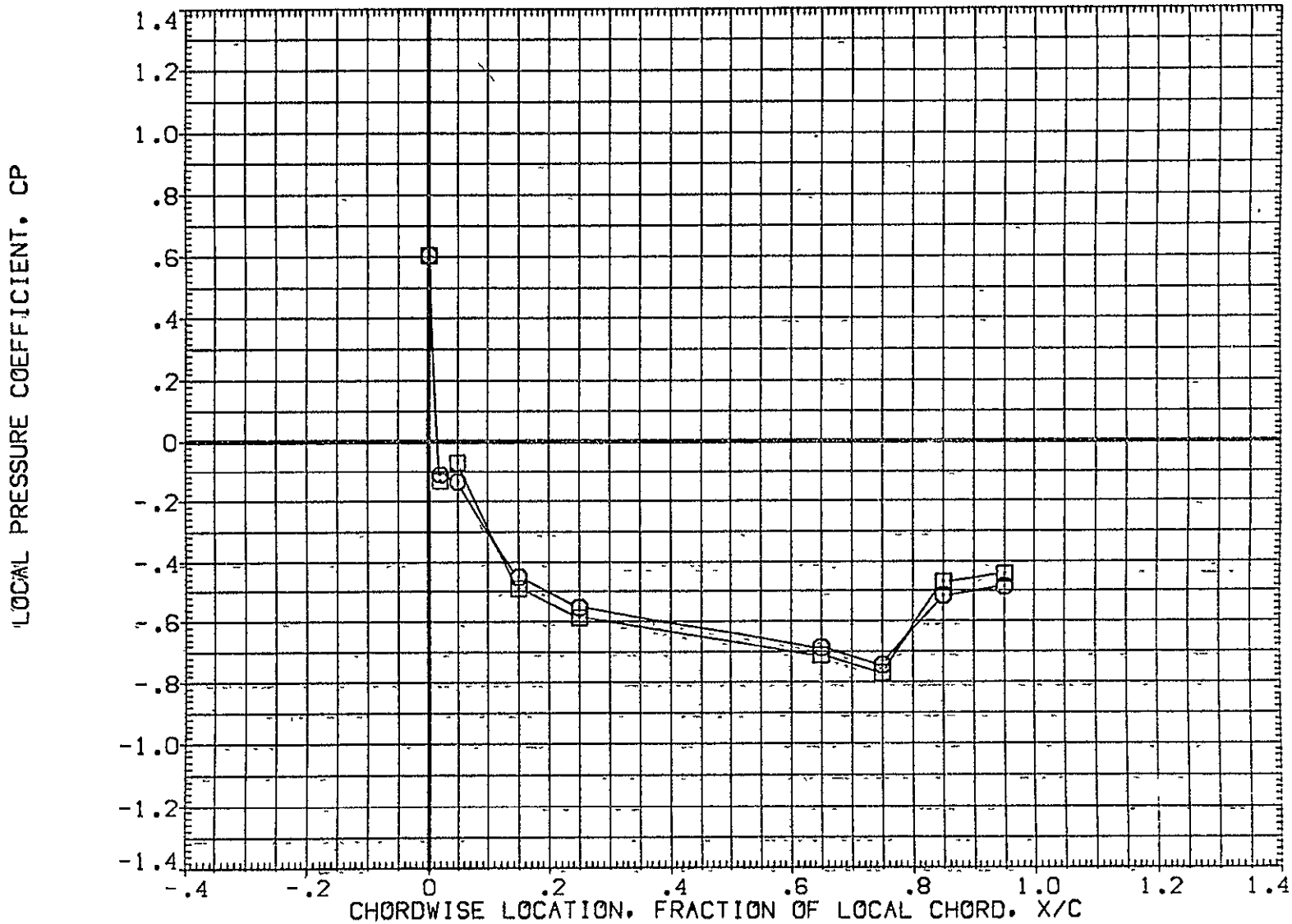

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	□	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

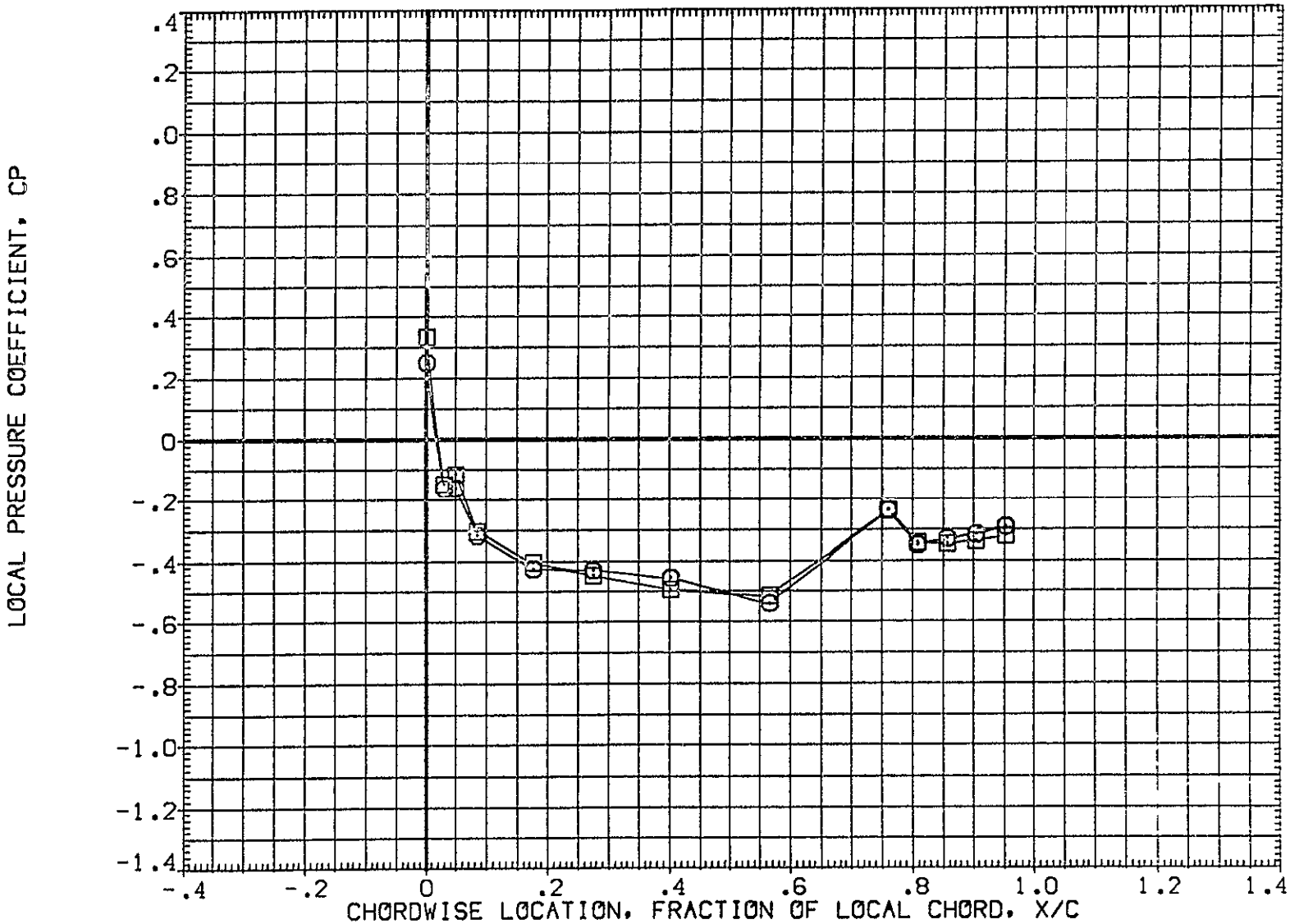

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55) ○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66) □	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE	8.000	8.000	8.000	8.000

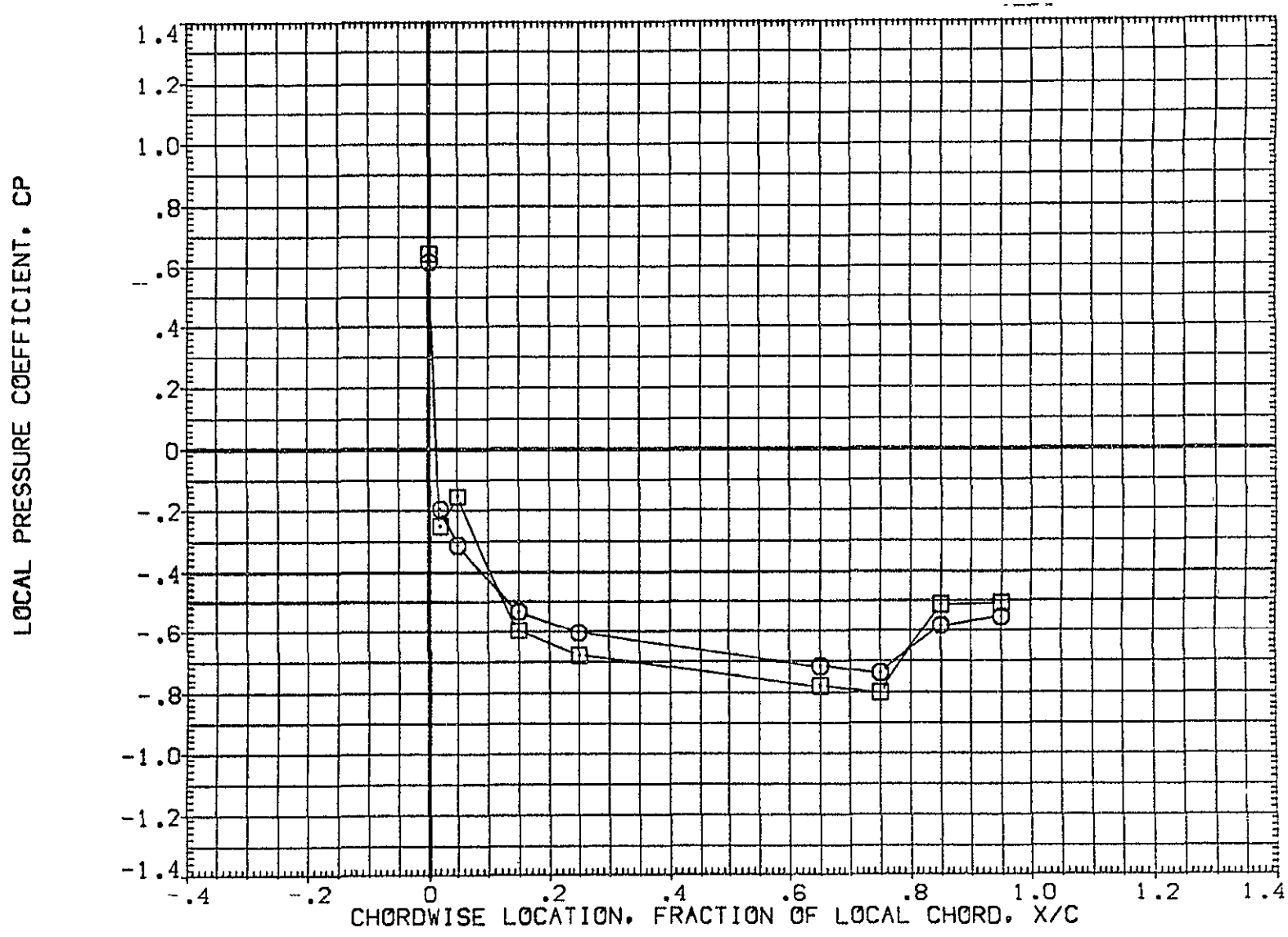

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

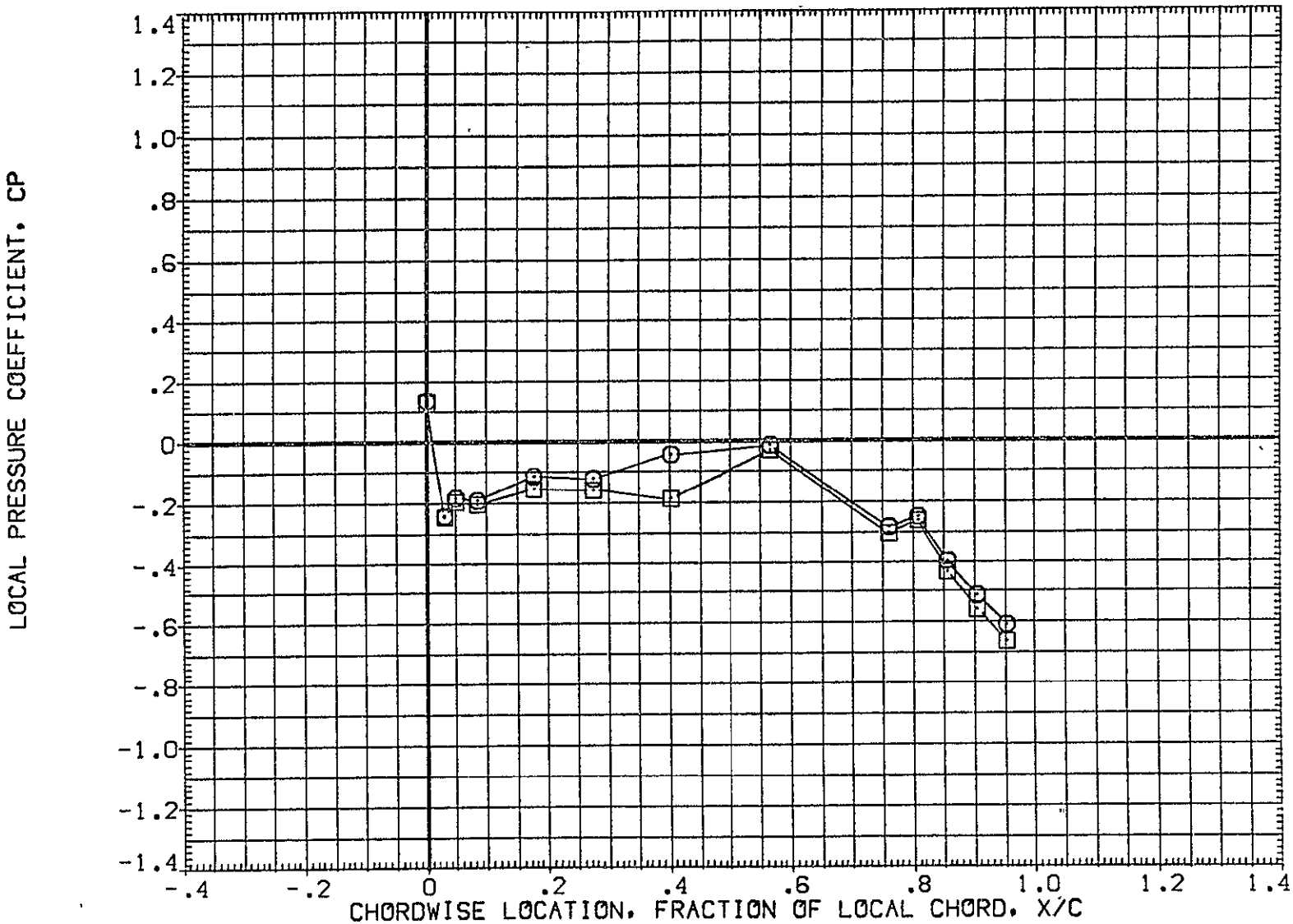

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

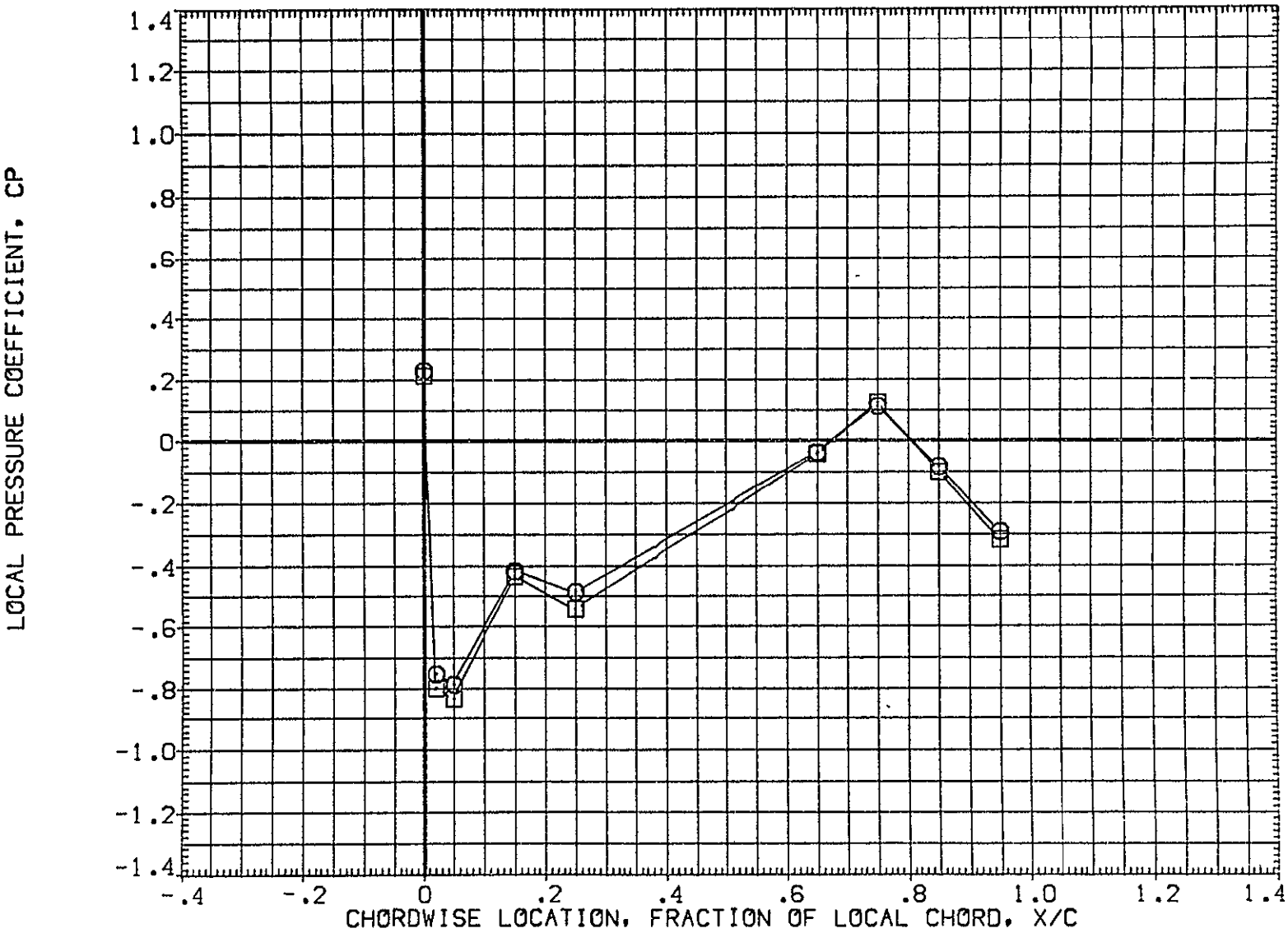

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

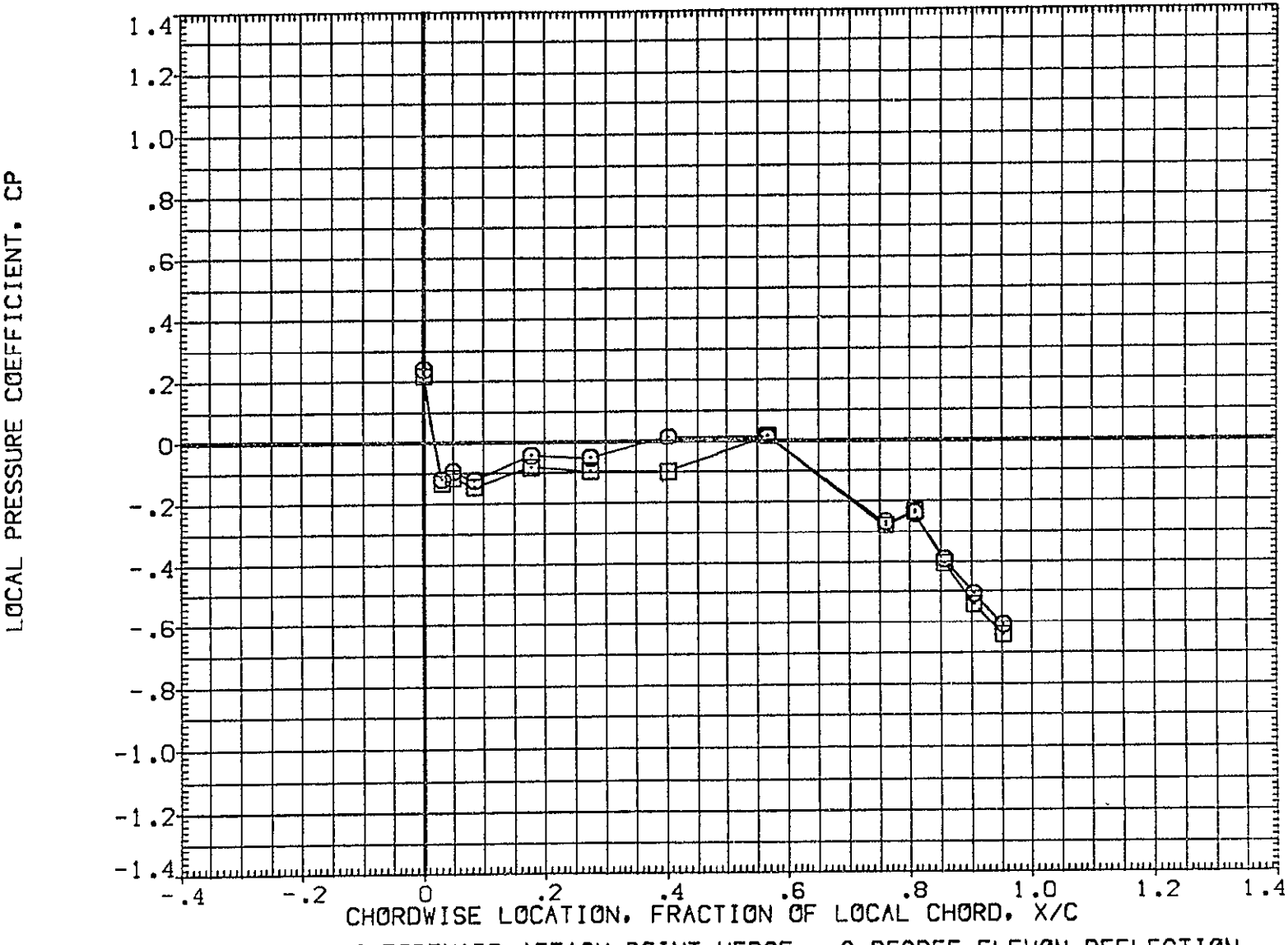

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

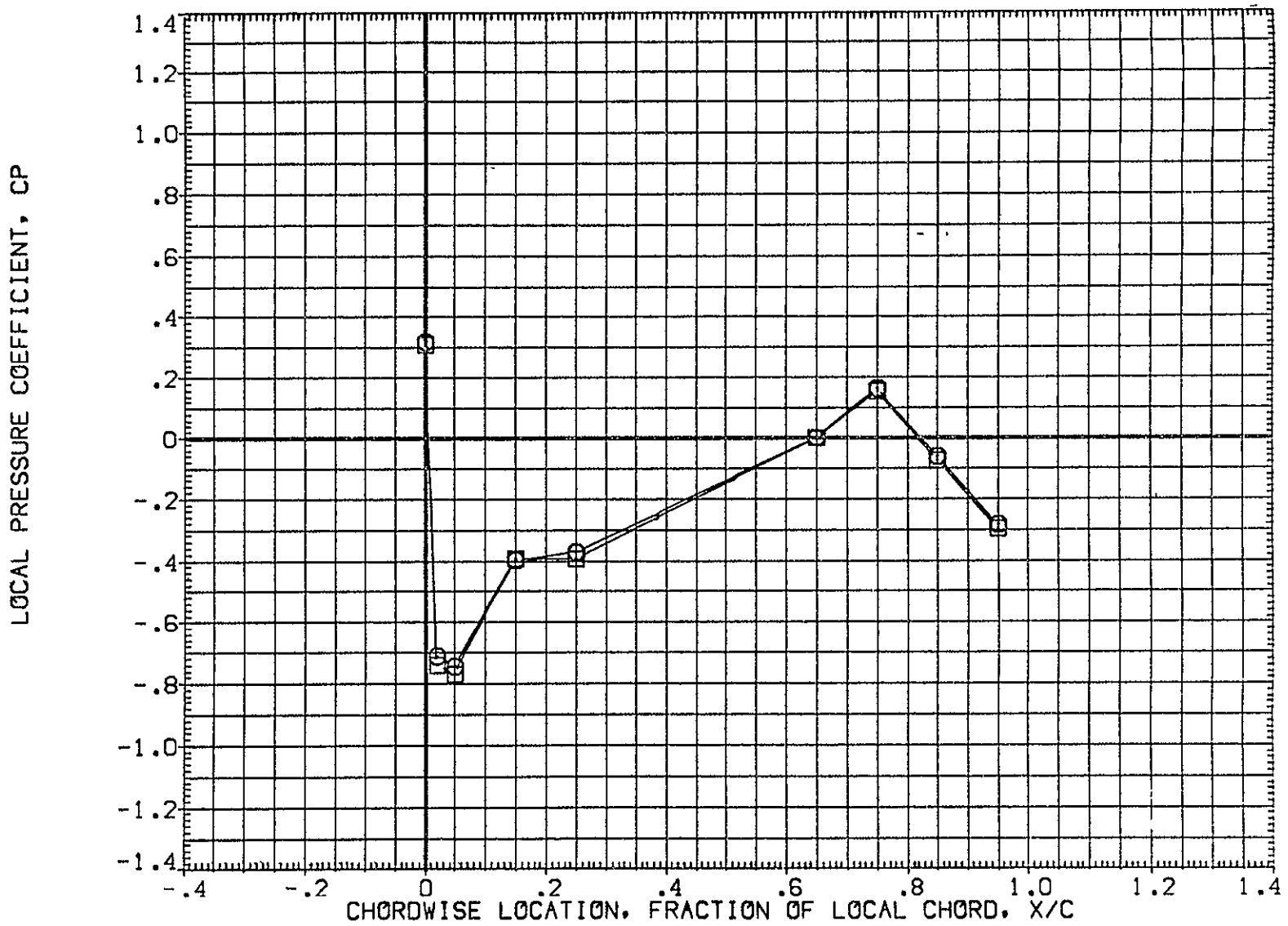

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

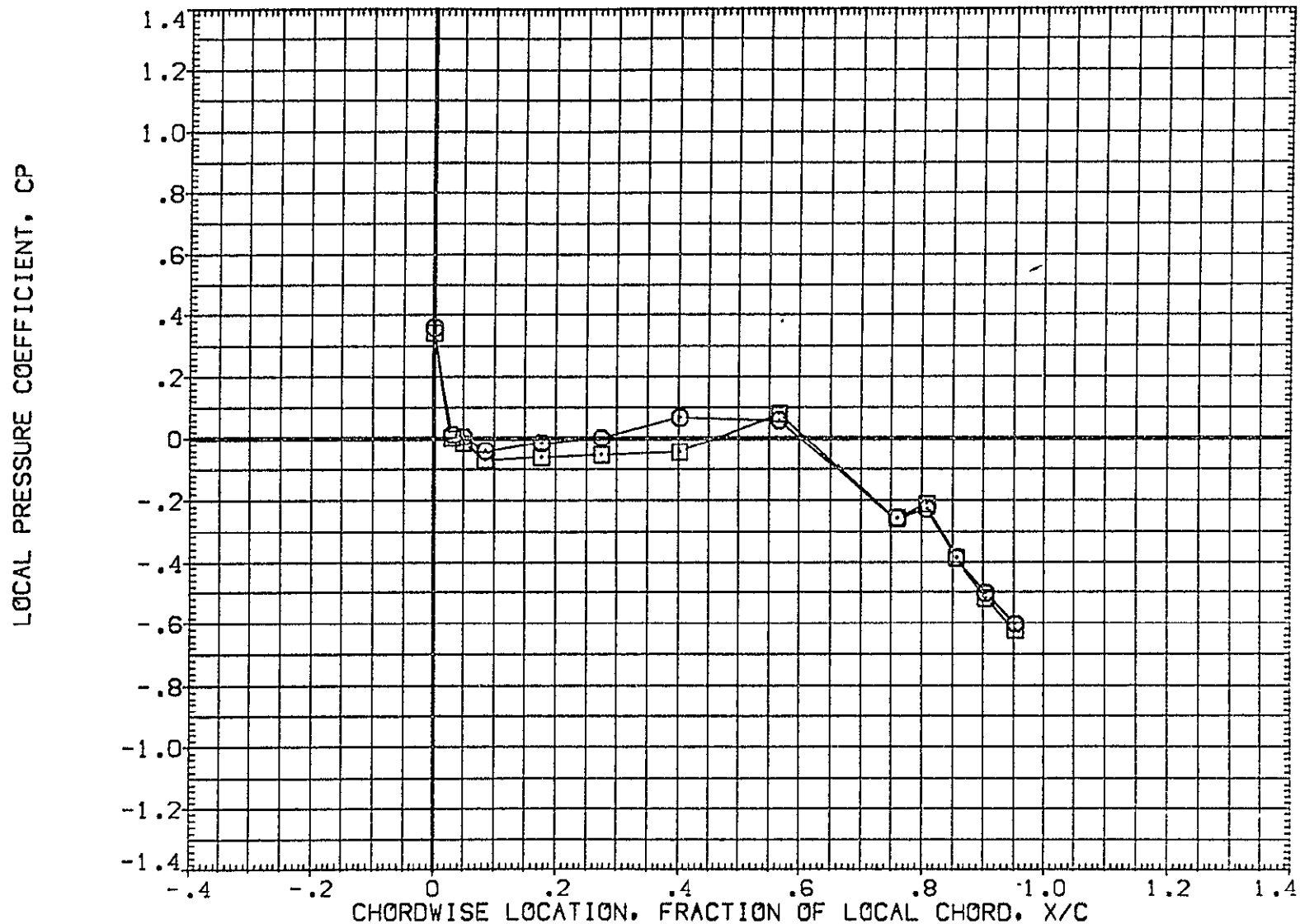

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

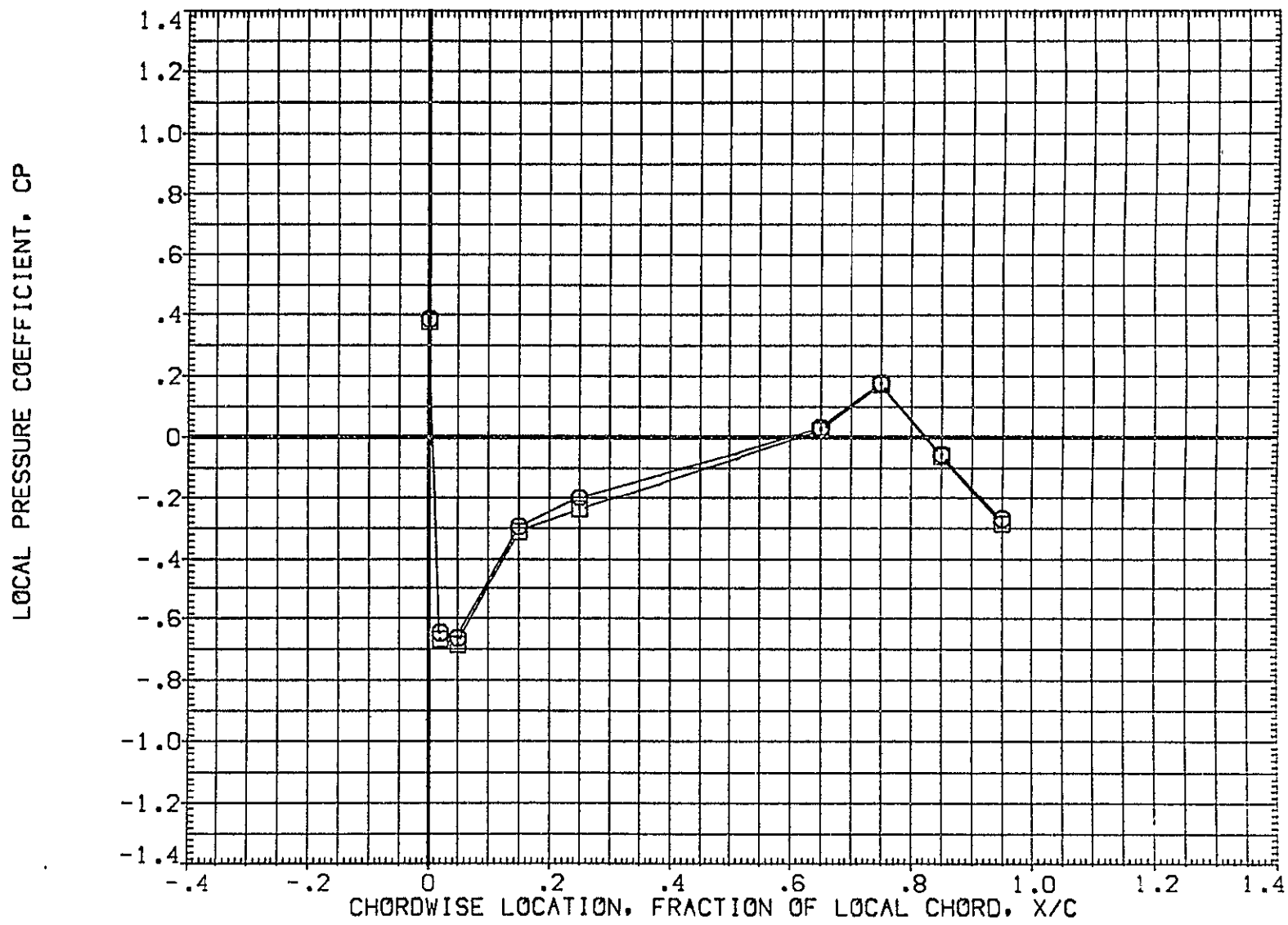

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

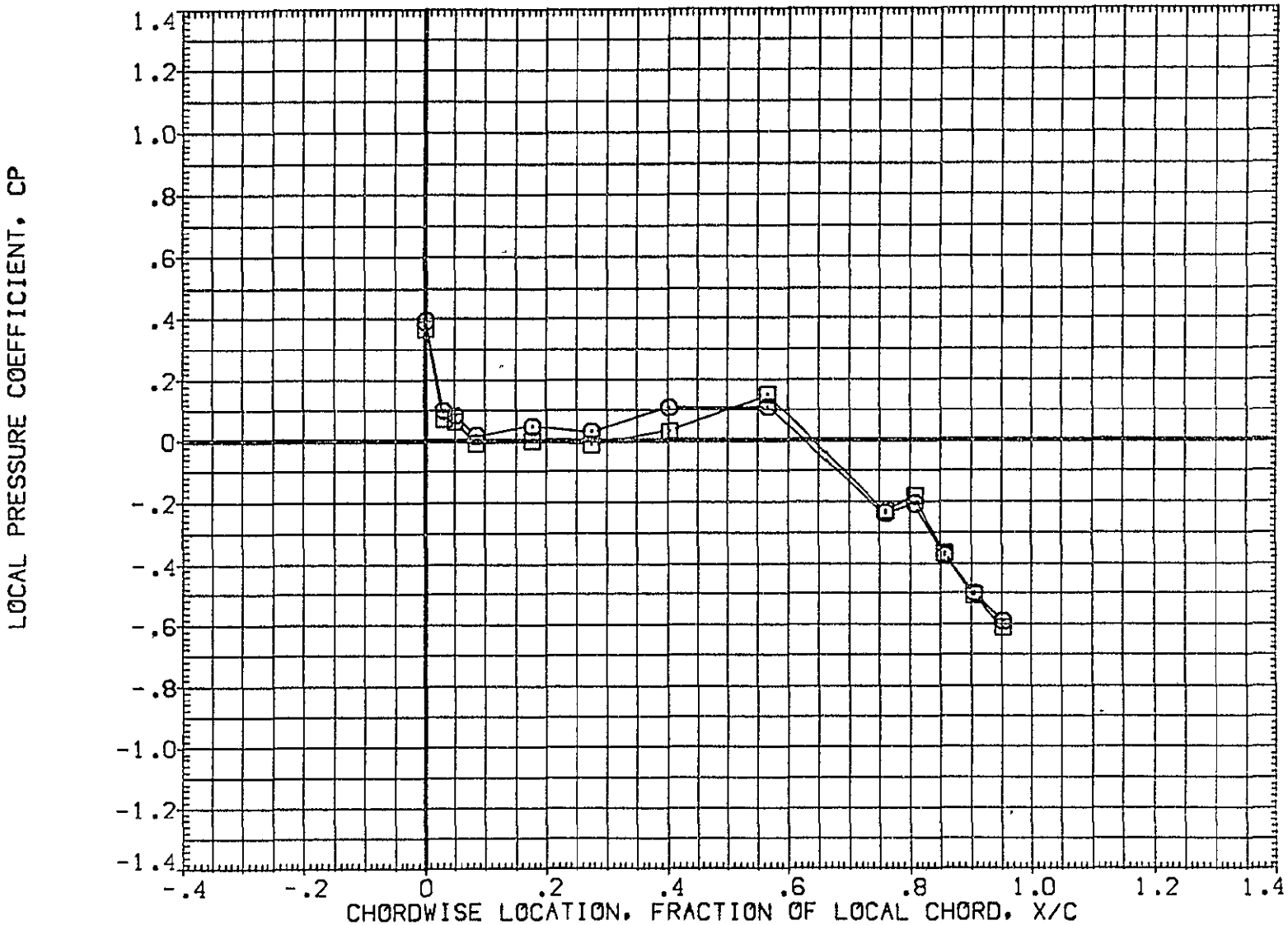

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

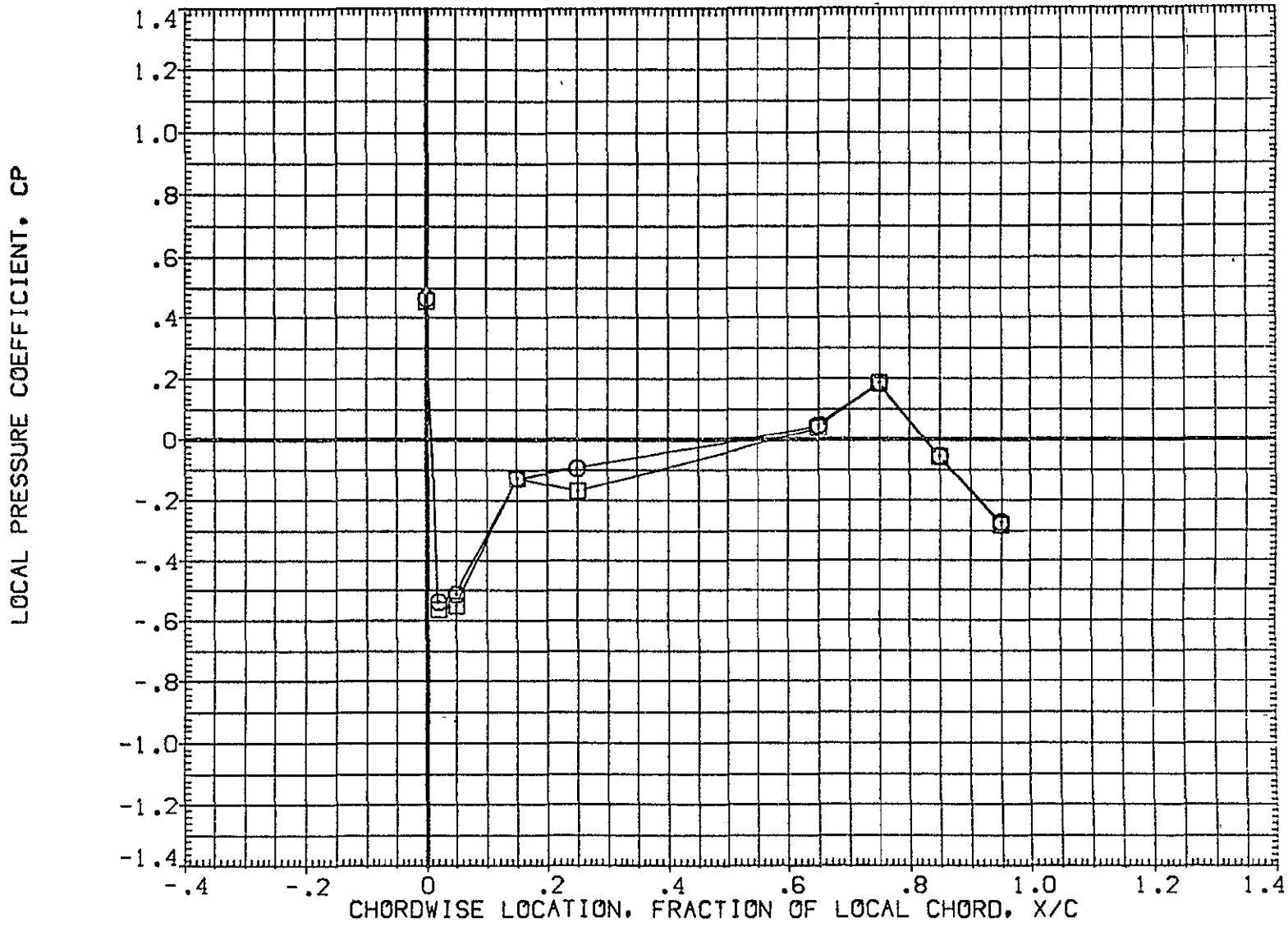

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

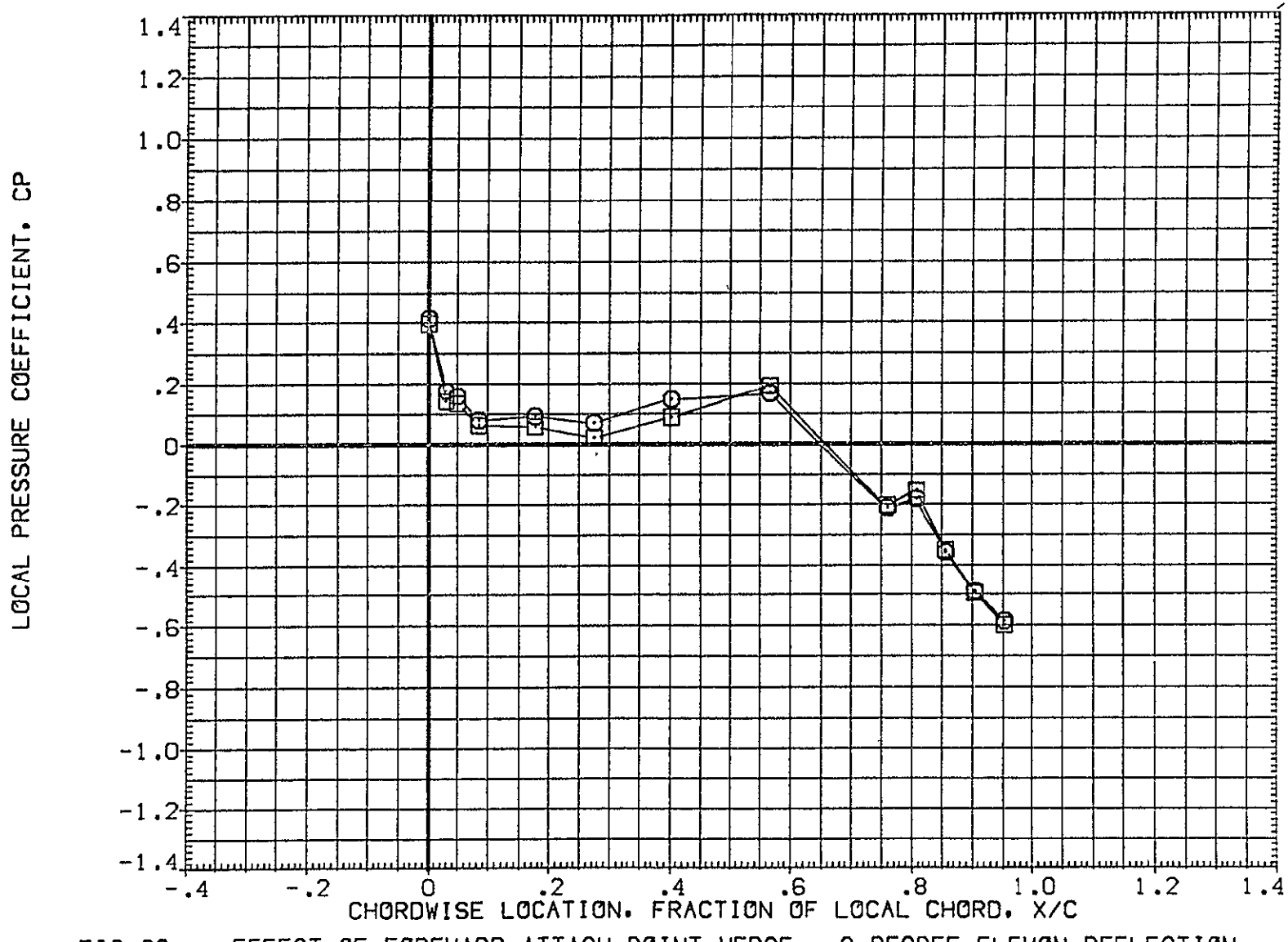

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

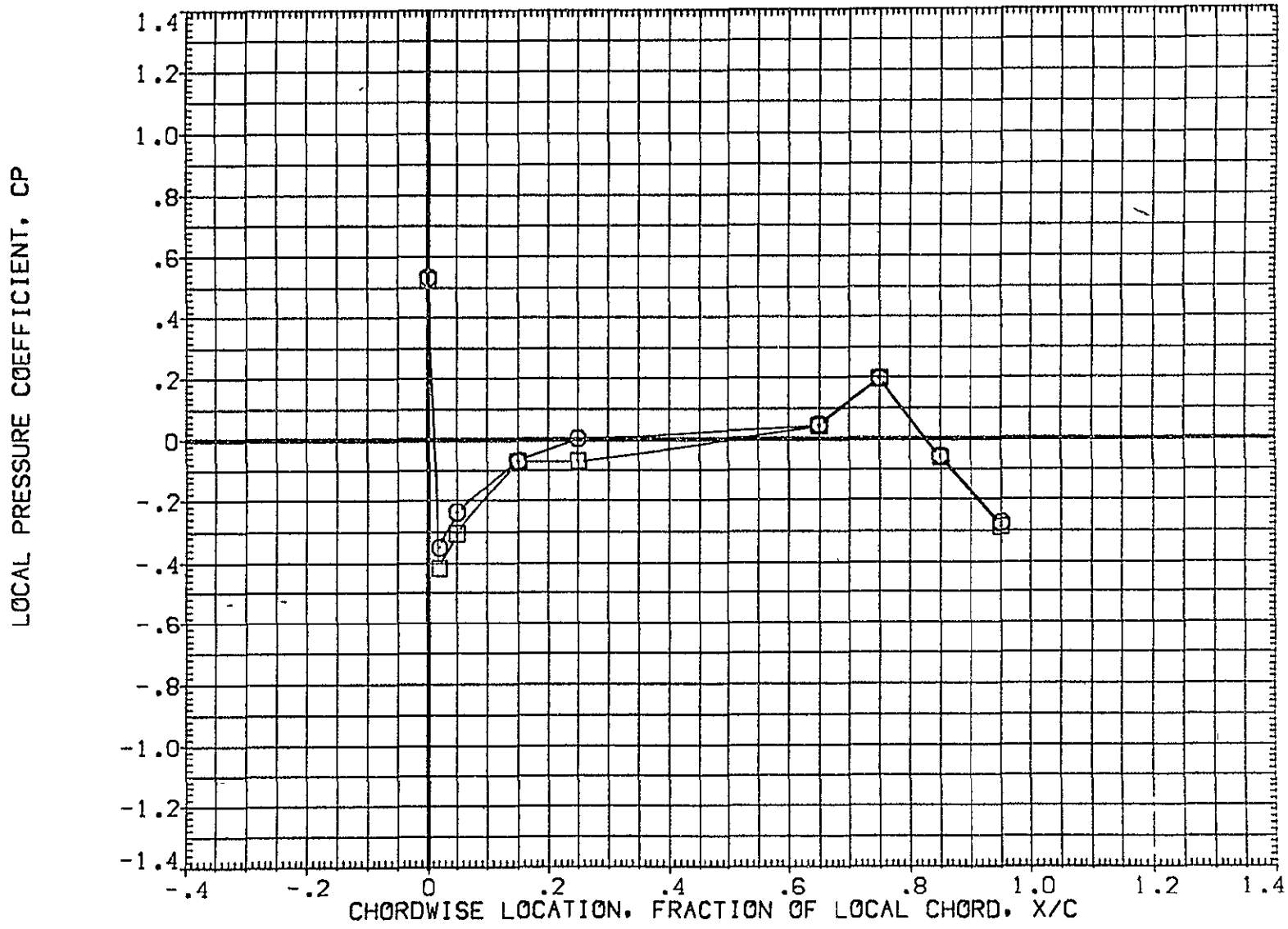

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

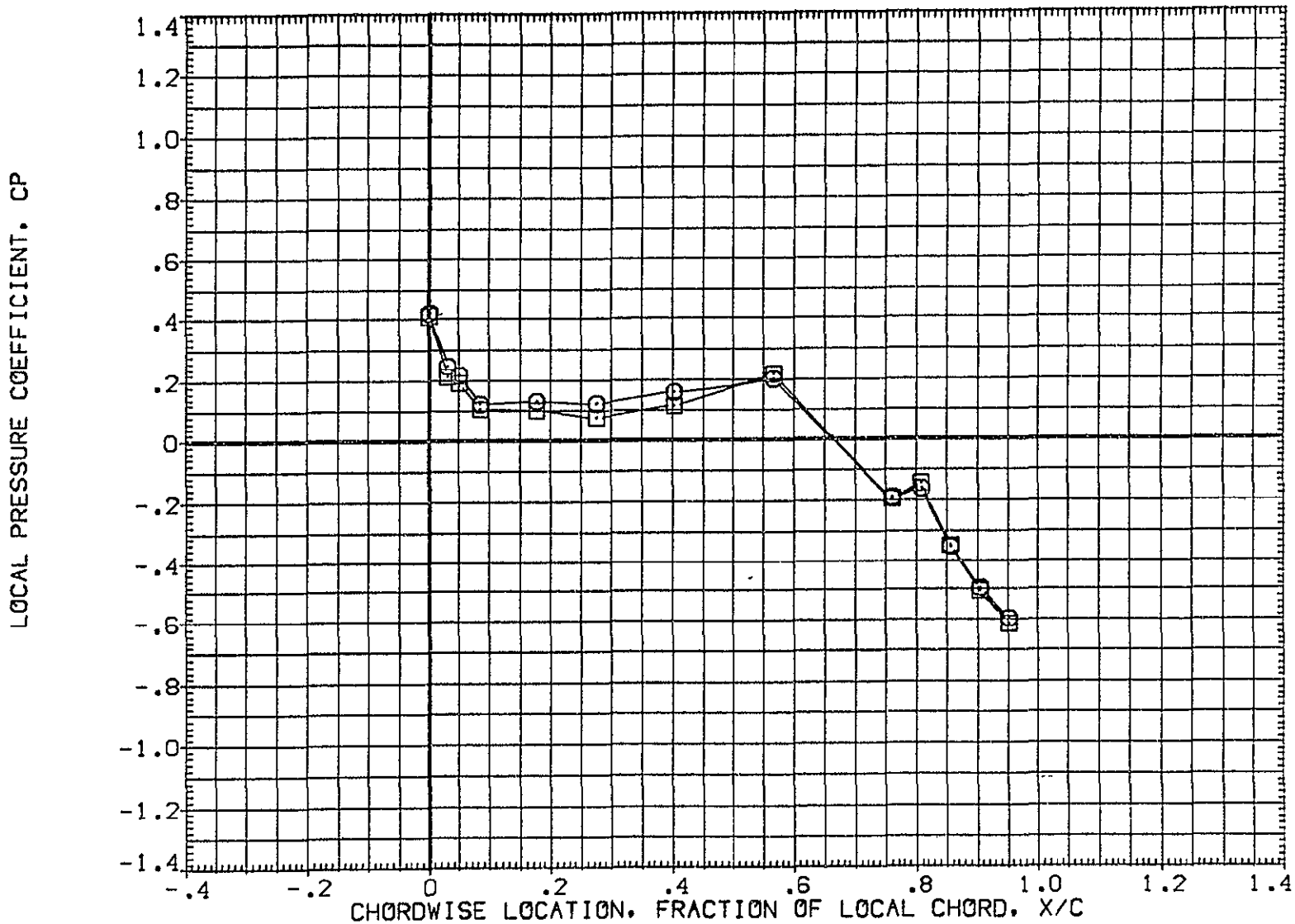

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55) ○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66) □	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

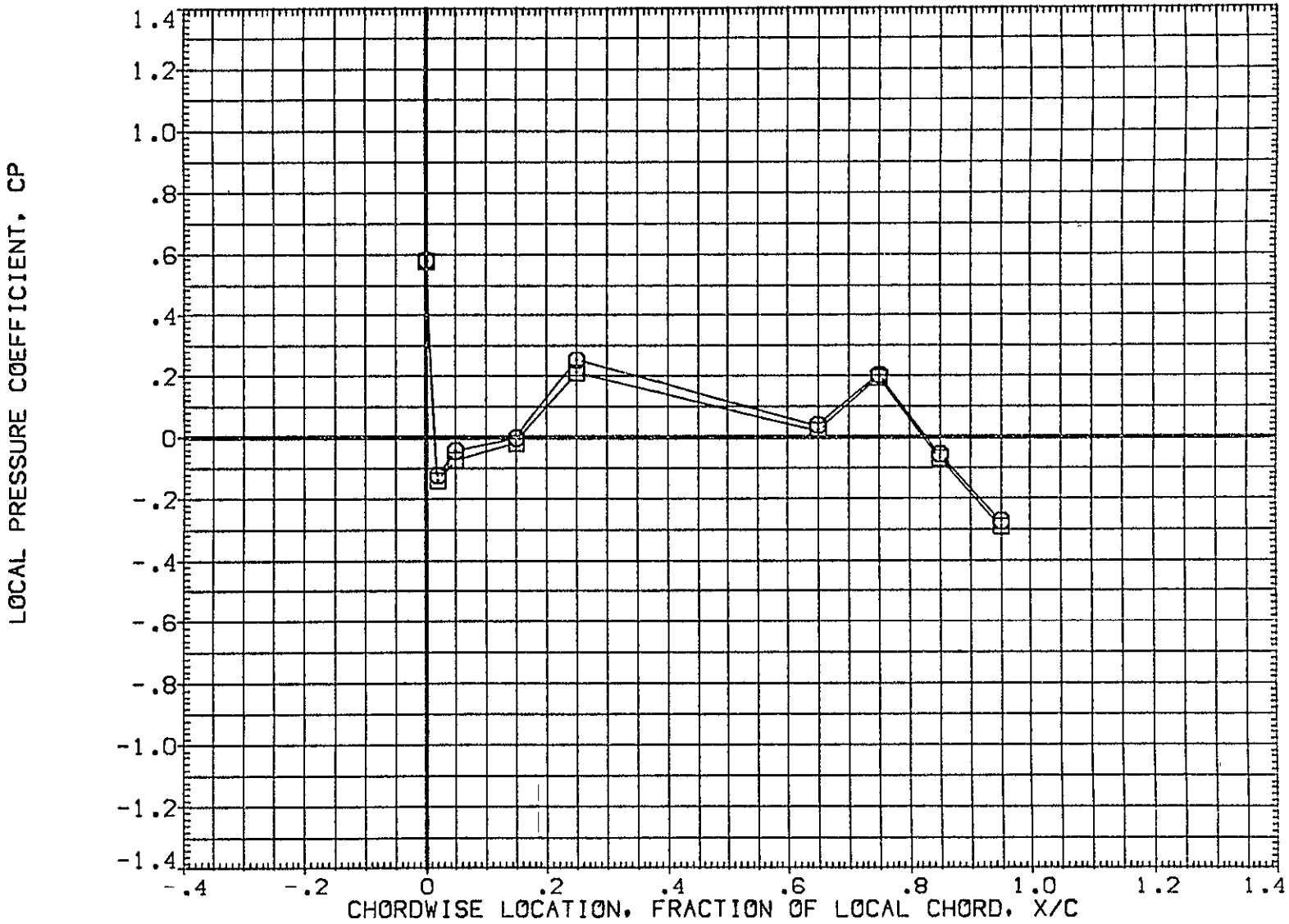

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

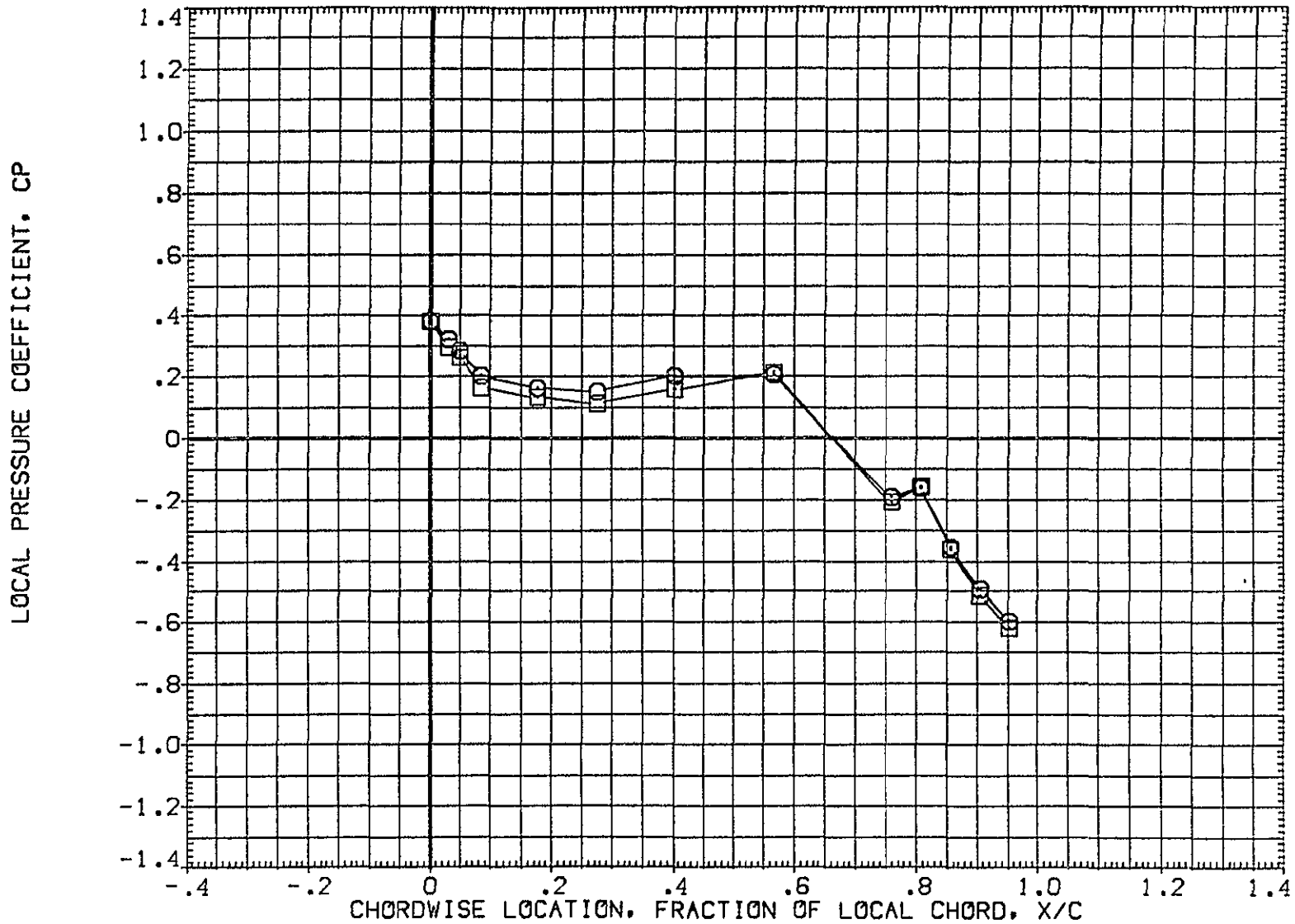

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

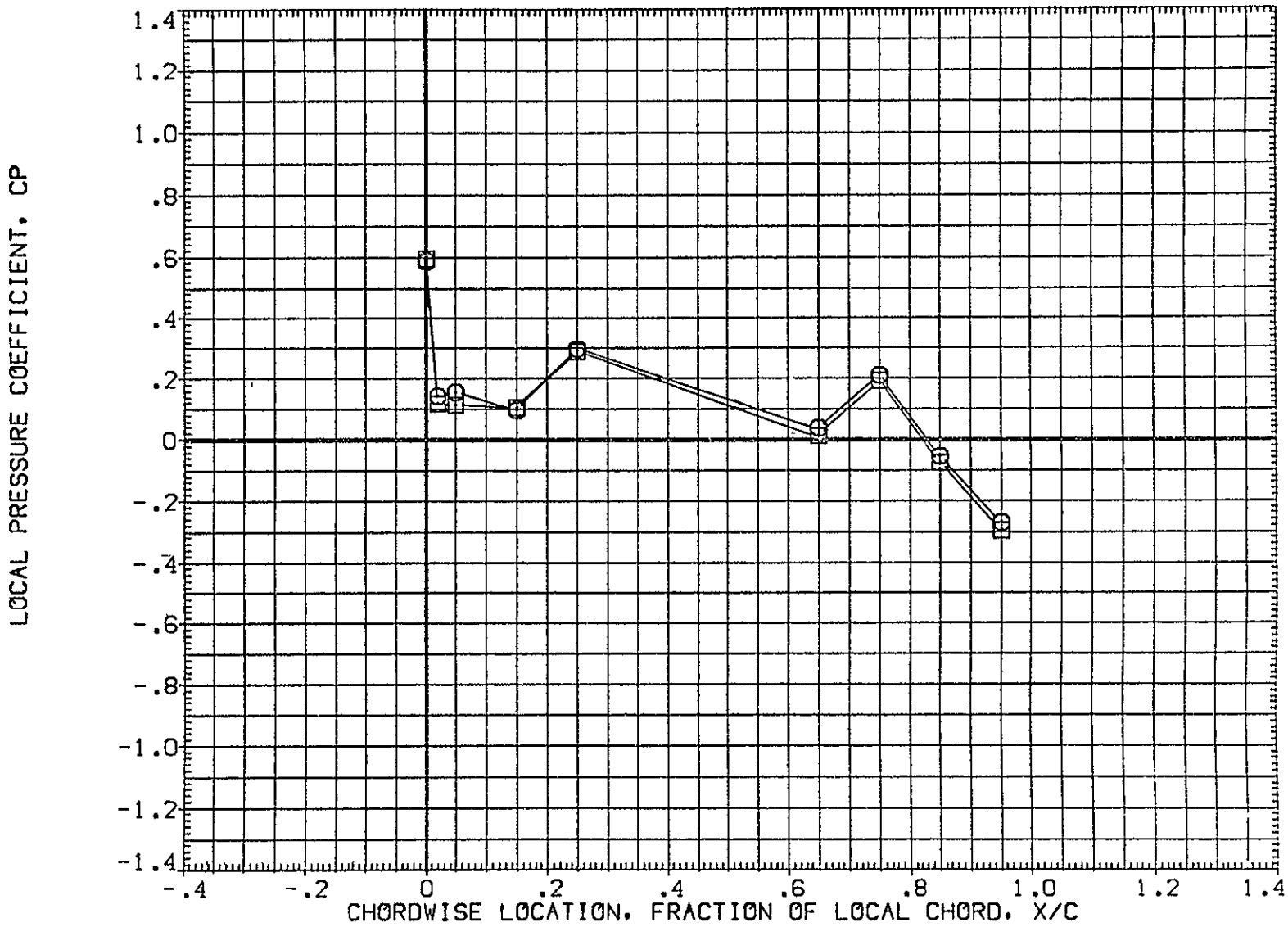

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		8.000	8.000	8.000	8.000
(AF7L66)	□	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE		8.000	8.000	8.000	8.000

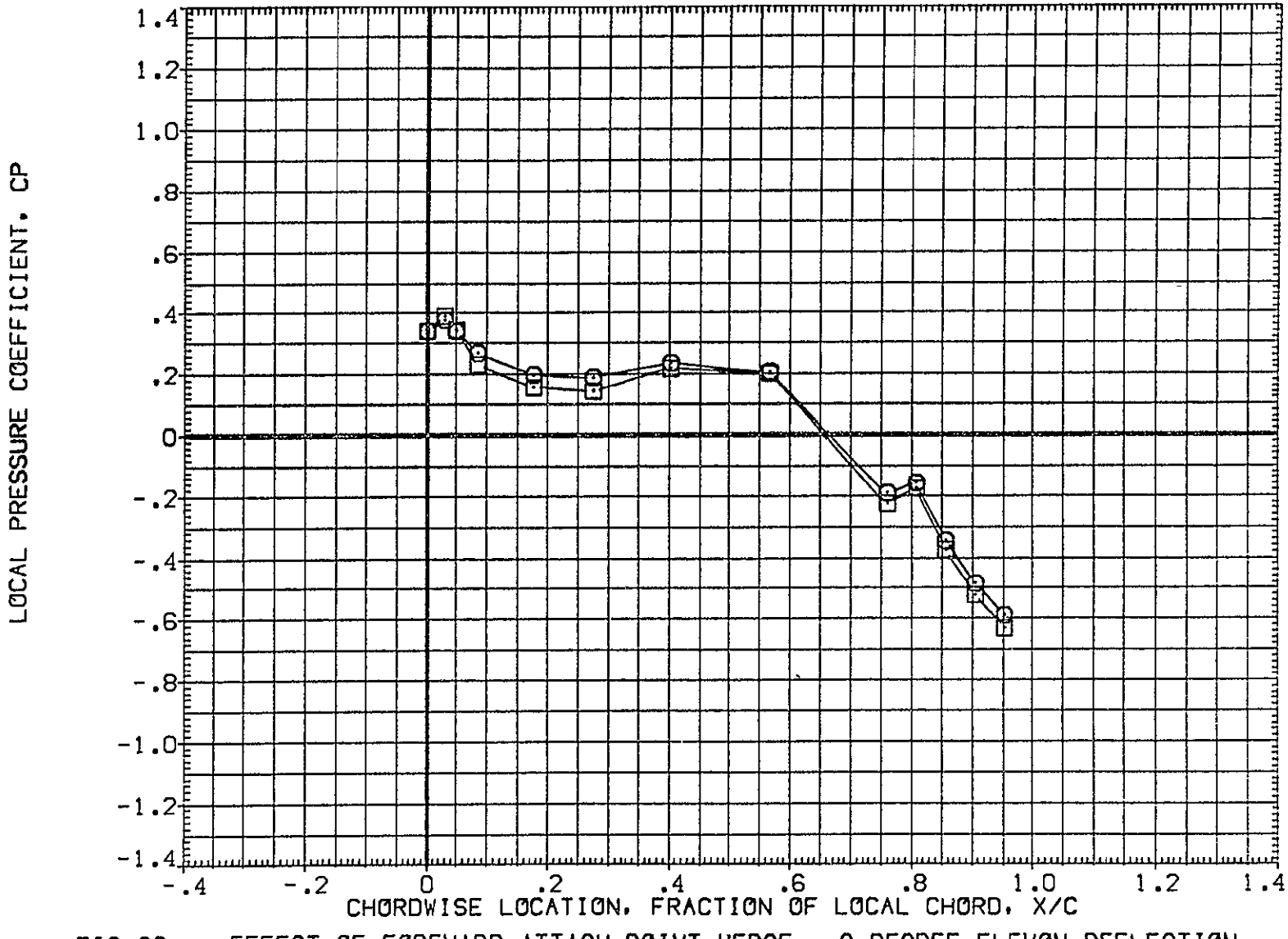

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

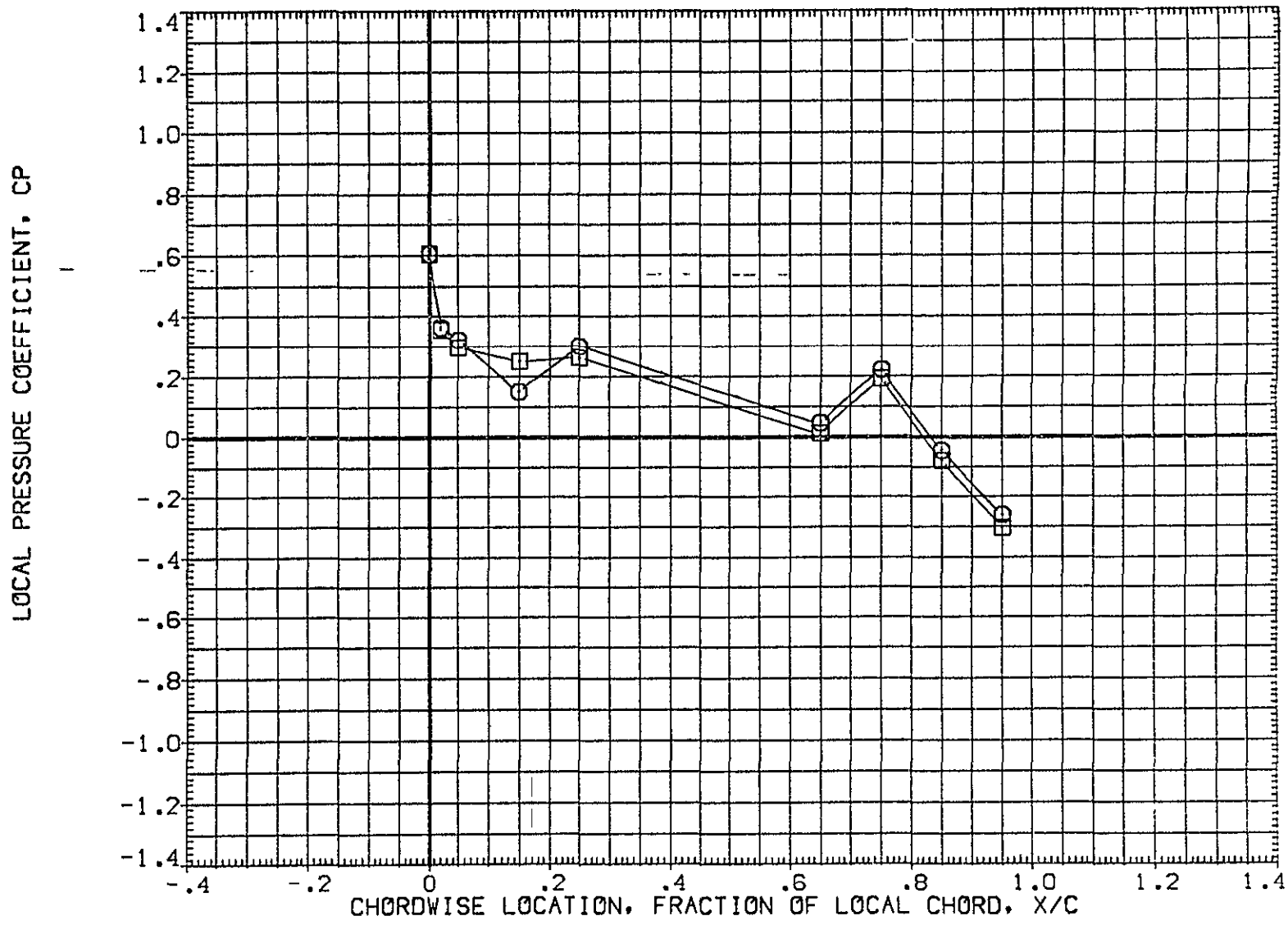

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55) ○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66) □	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

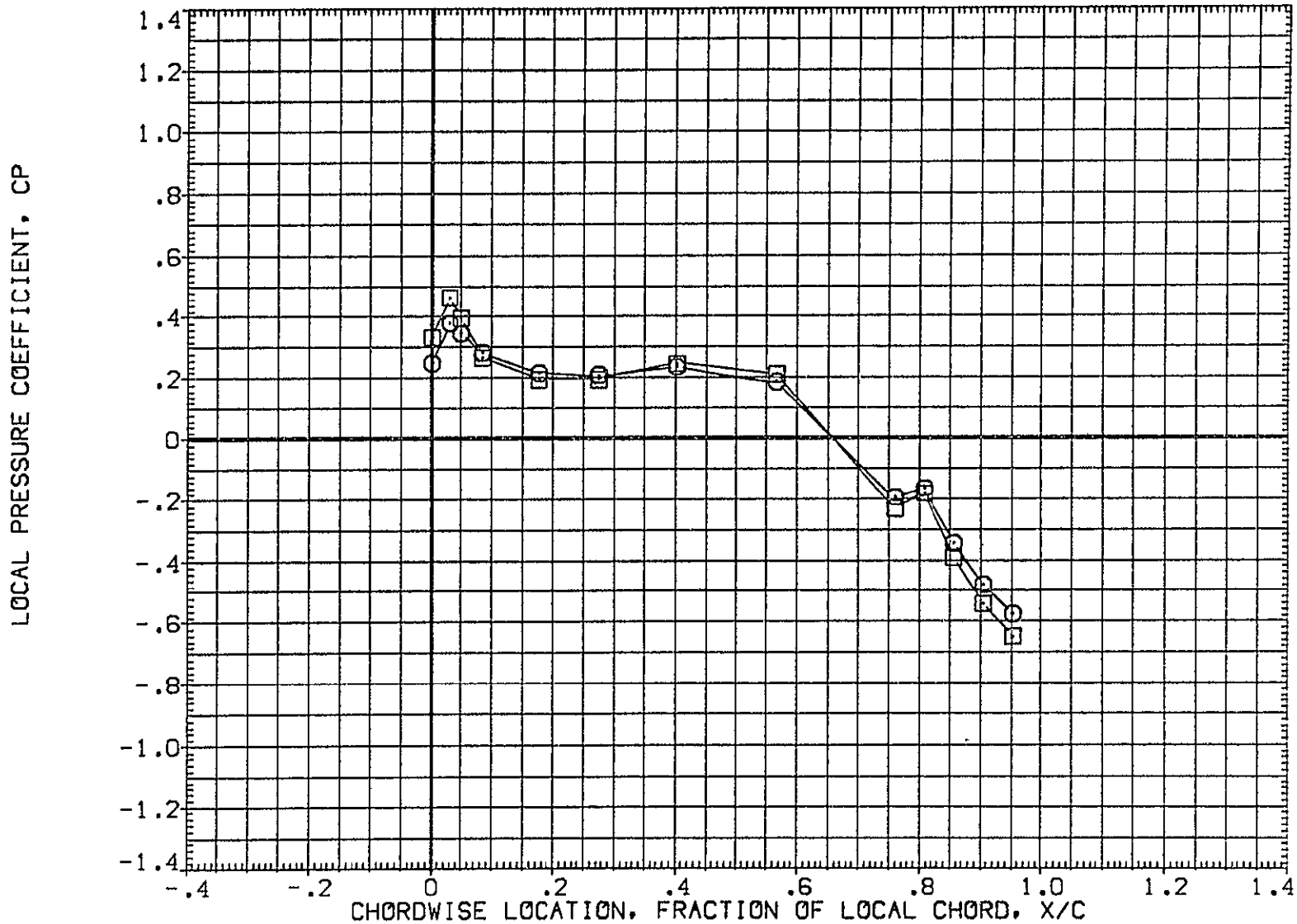

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55) ○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66) □	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE	8.000	8.000	8.000	8.000

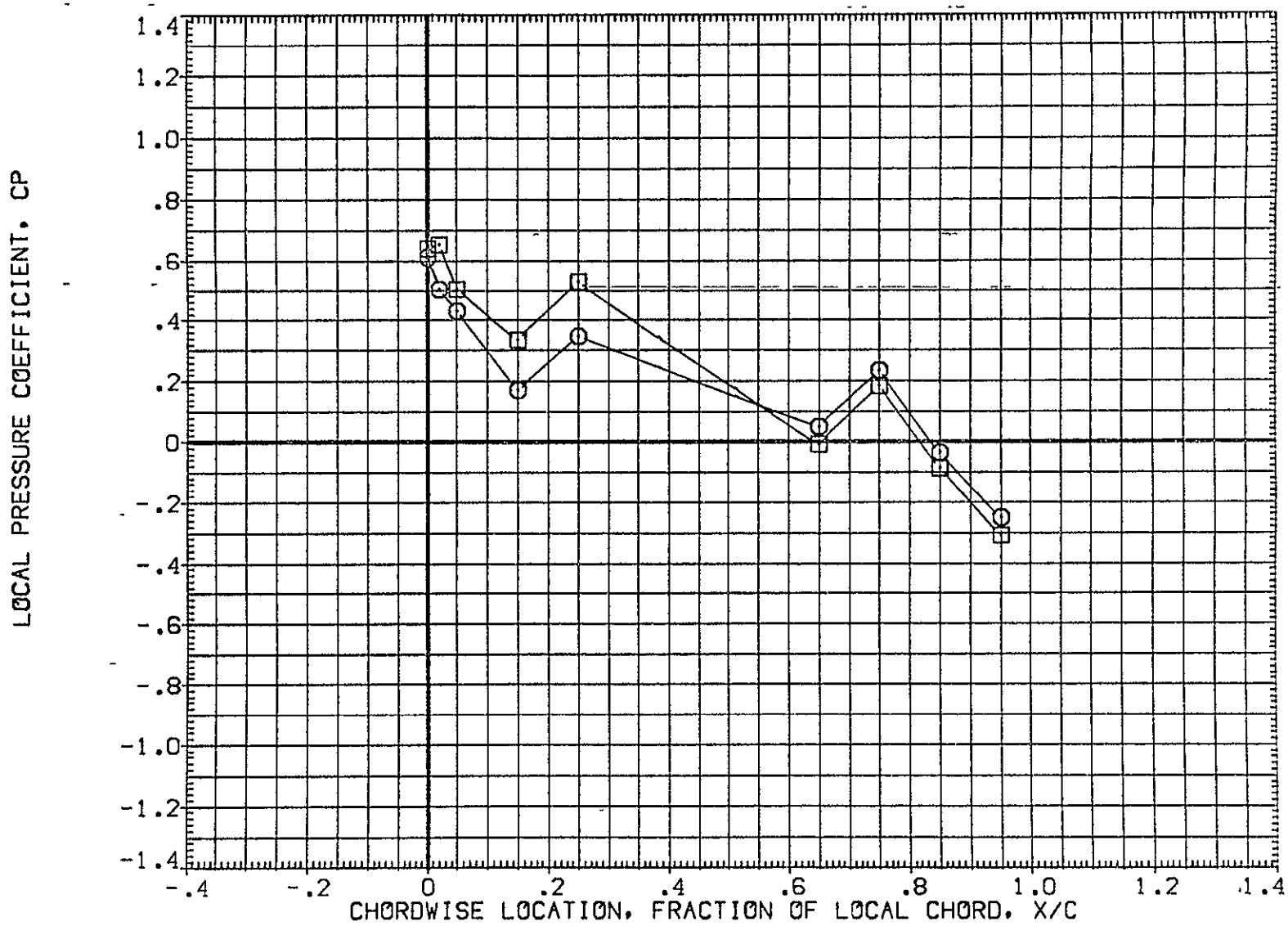

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

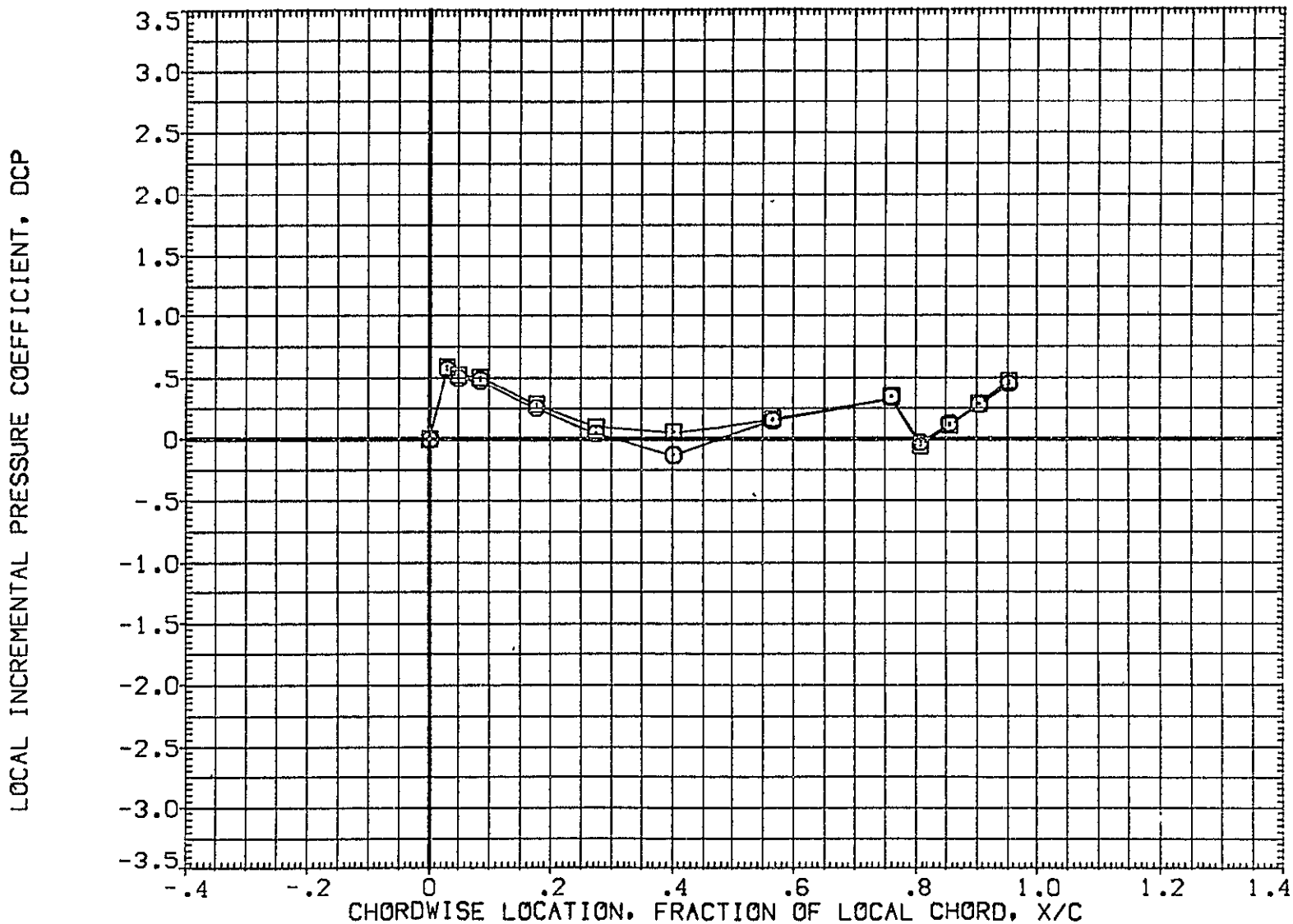

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055) ○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066) □	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

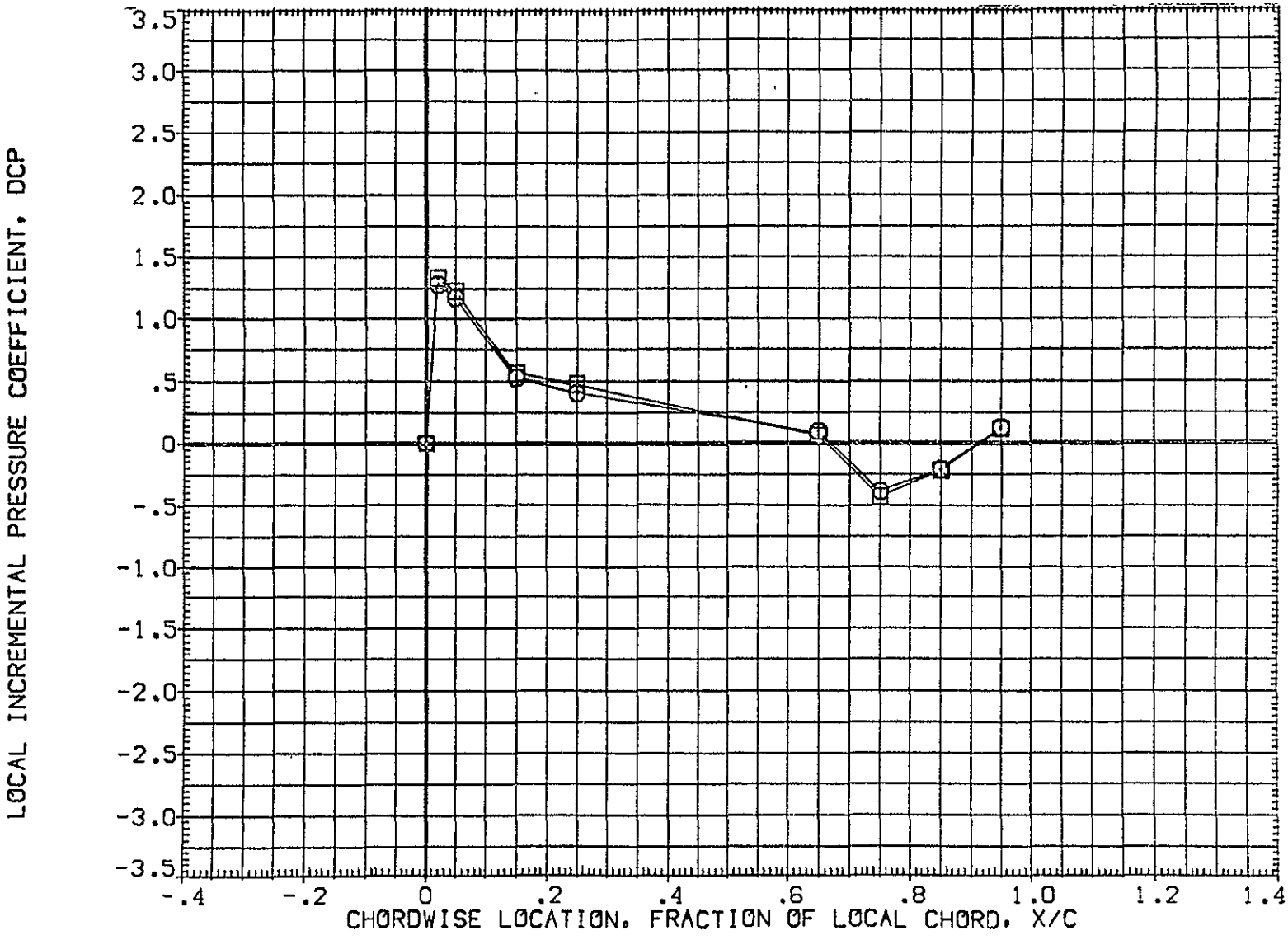

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	1A70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

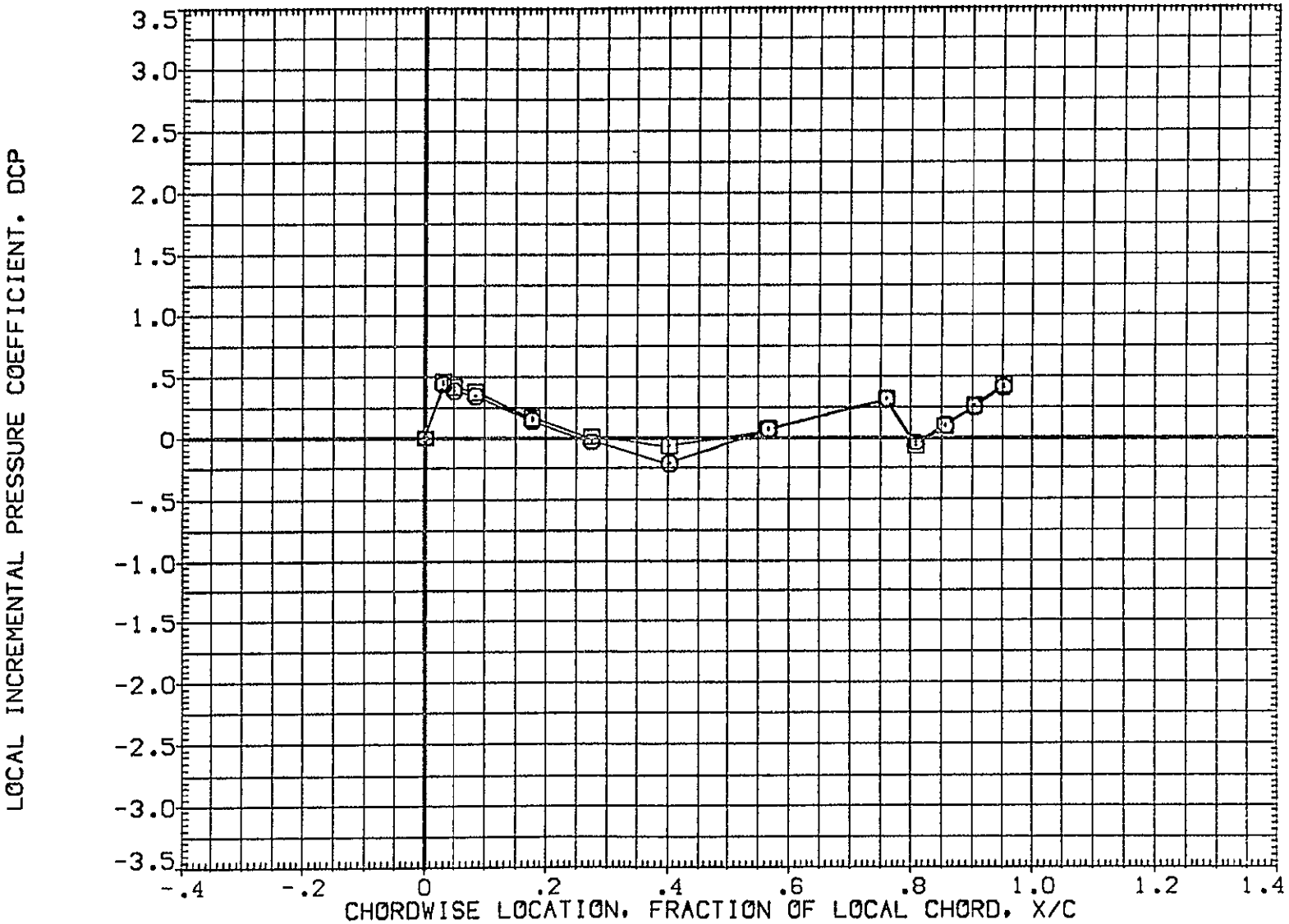

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

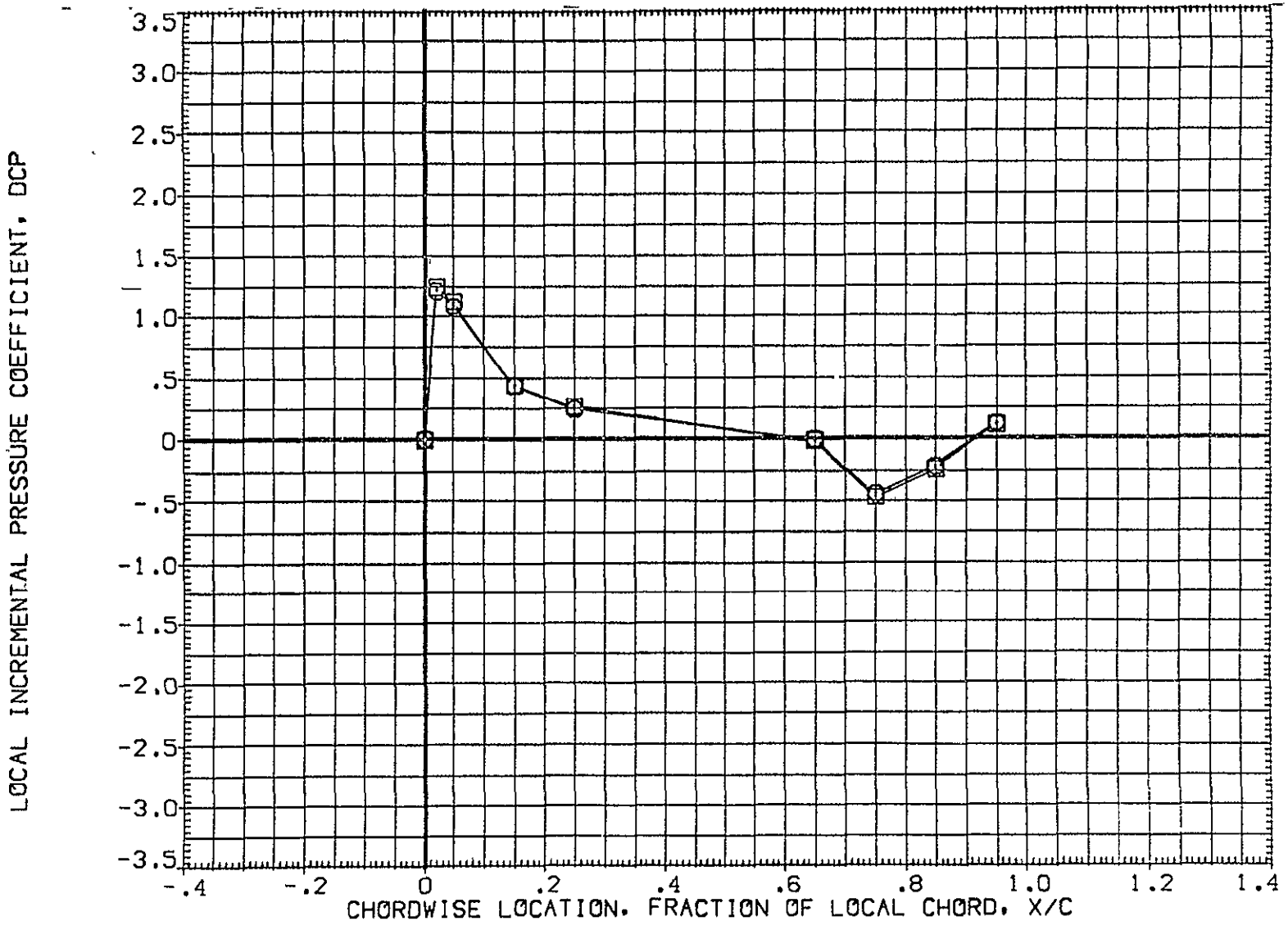

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7055]	○	IA70 01 T12 S1 P2 P8 WING [UPPER - LOWER]	8.000	8.000	8.000	8.000
[AF7066]	□	IA70 01 T12 S1 P2 P9 WING [UPPER - LOWER]	8.000	8.000	8.000	8.000

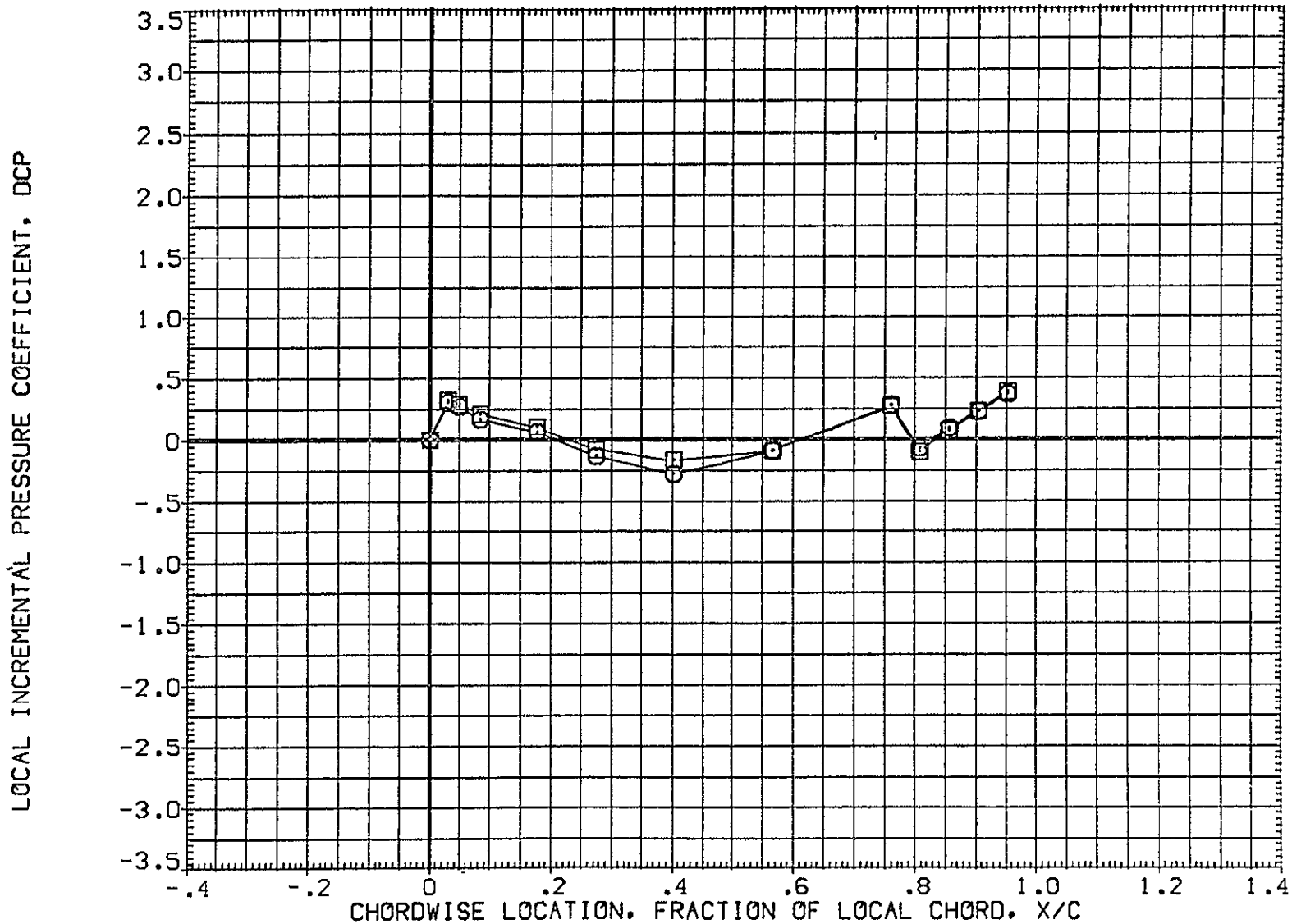

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

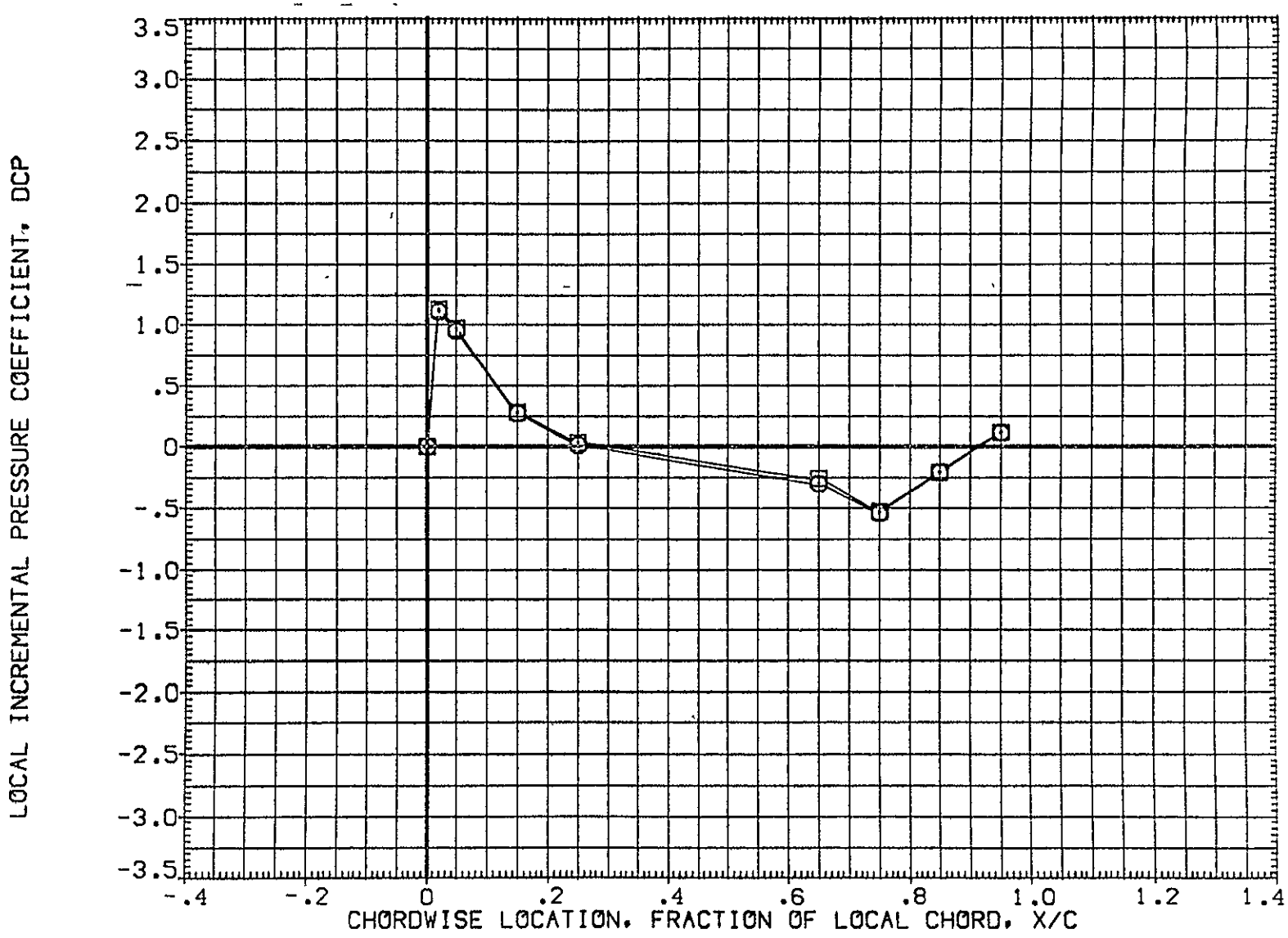

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	1A70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

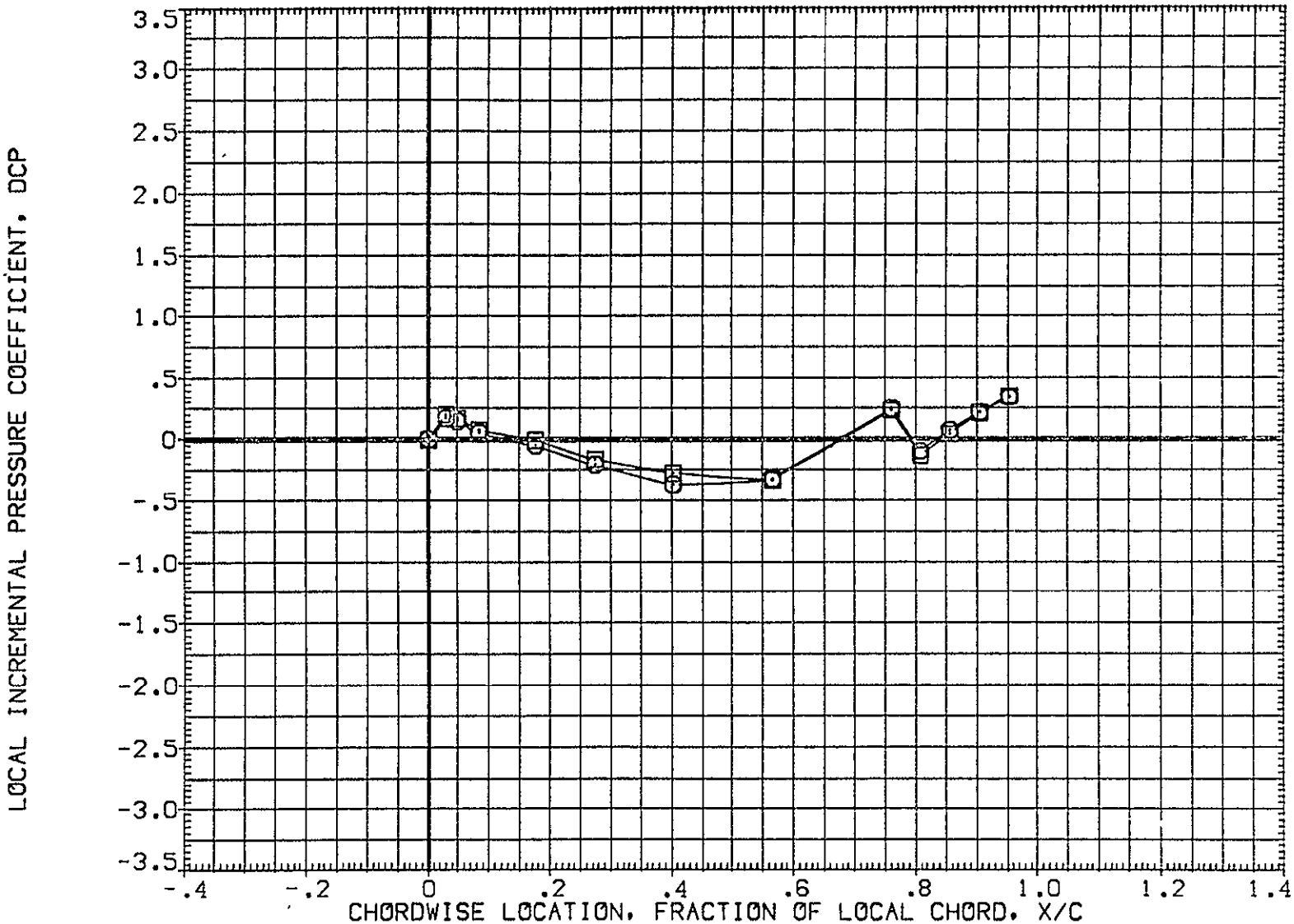

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055) ○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066) □	IA70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

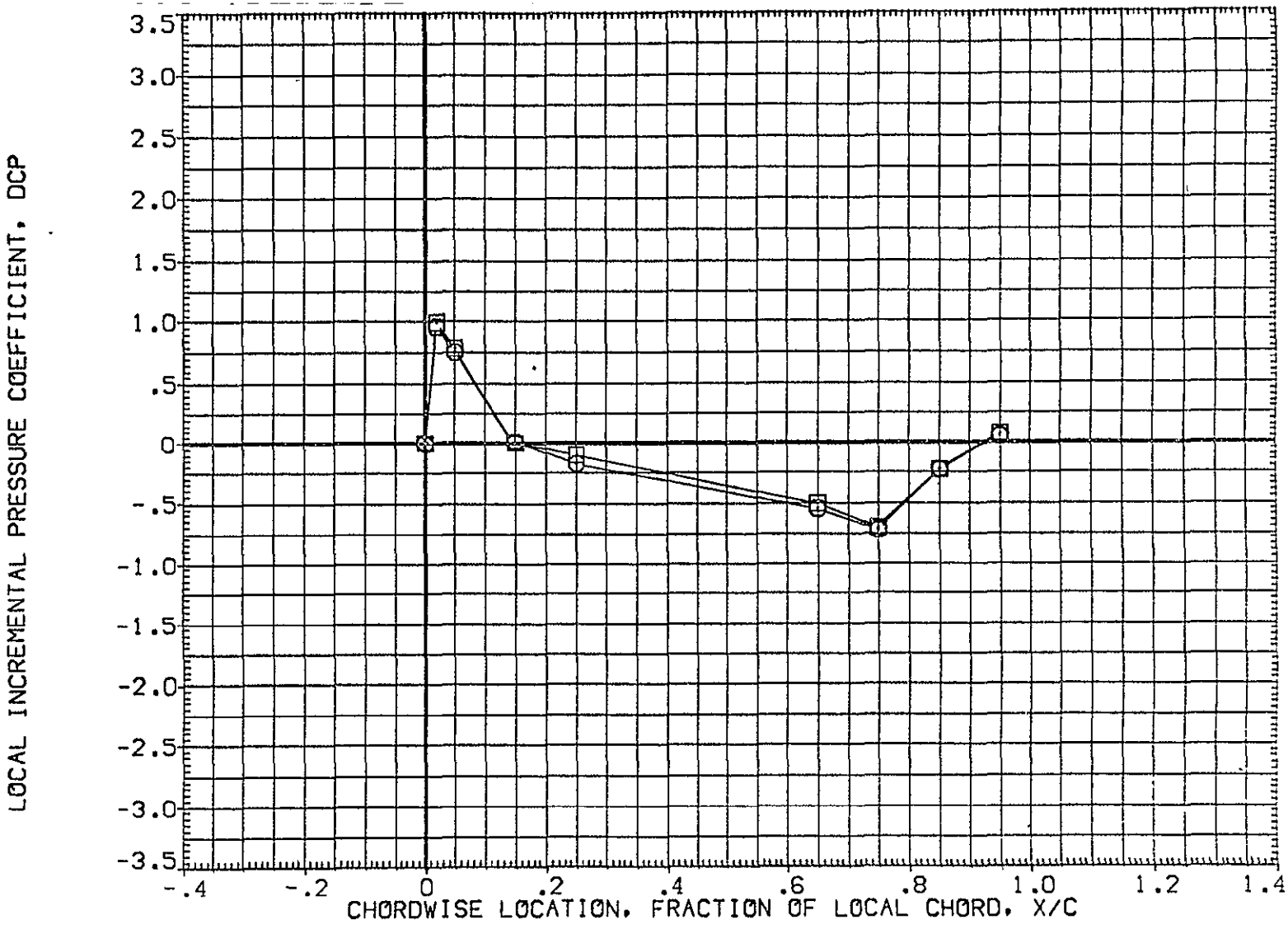

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	1A70	01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

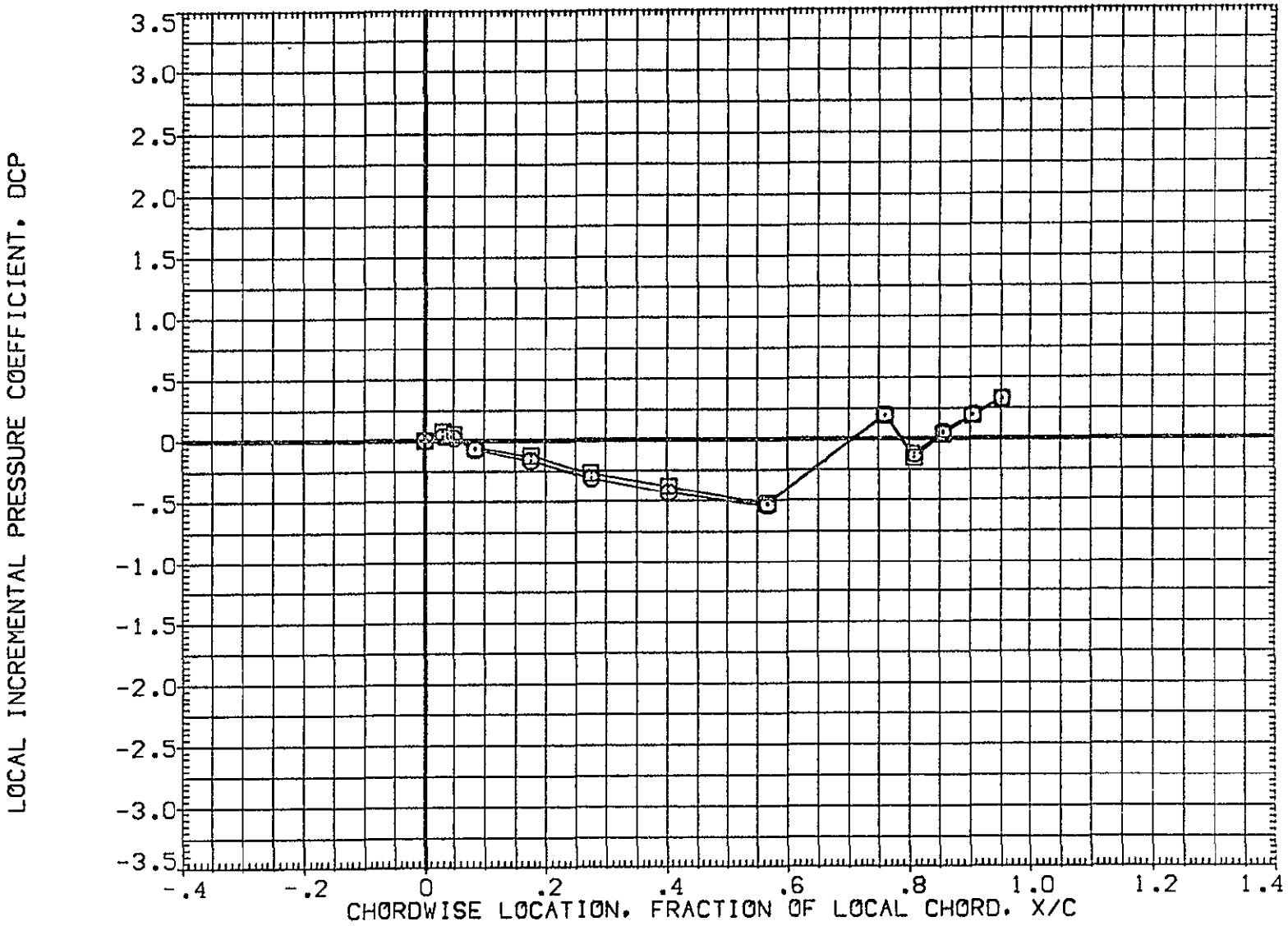

FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7066)	□	IA70	01 T12 S1 P2 P9	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000

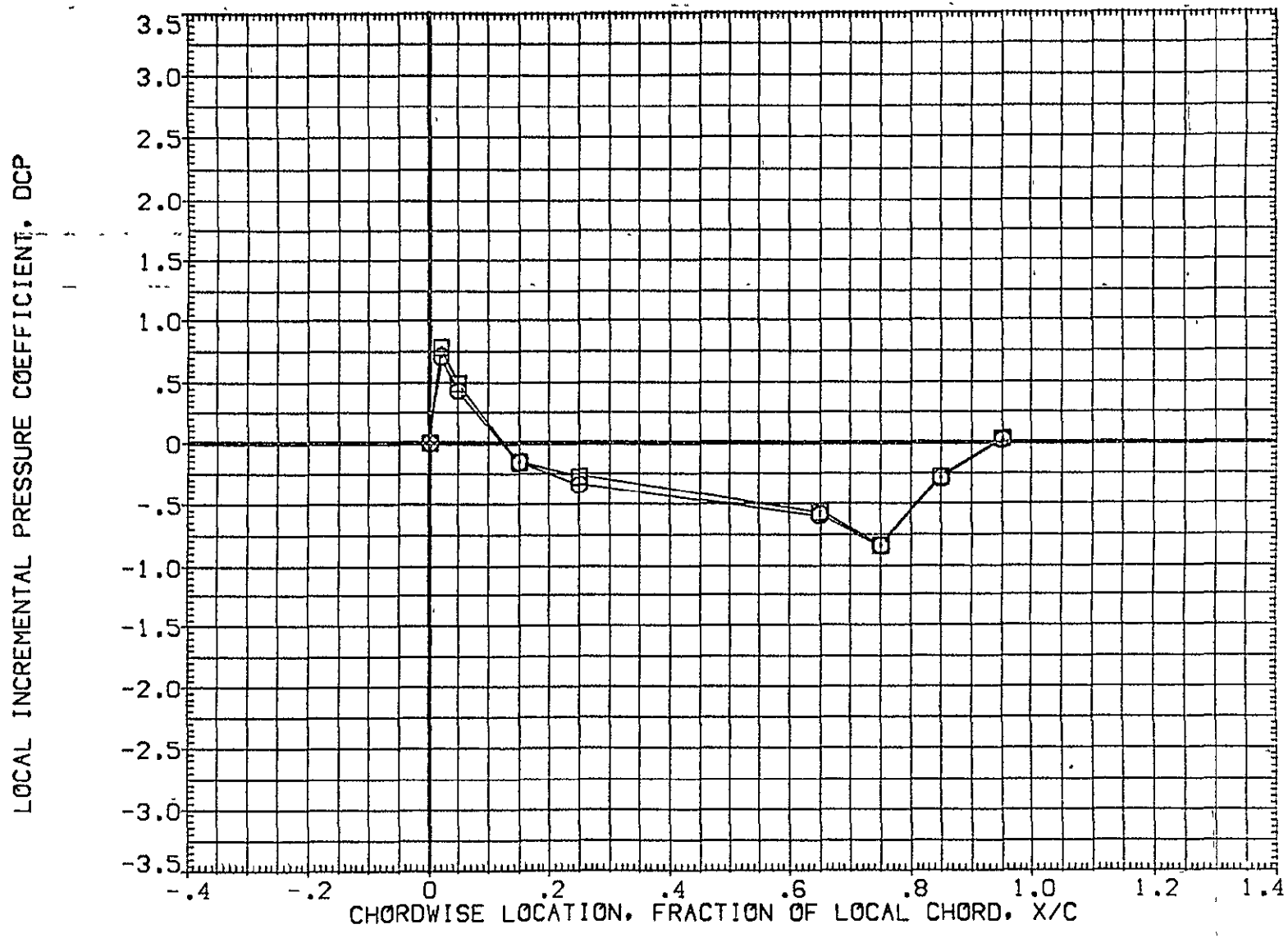

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION				ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000
(AF7066)	□	1A70	01 T12 S1 P2 P9	WING (UPPER - LOWER)		8.000	8.000	8.000	8.000

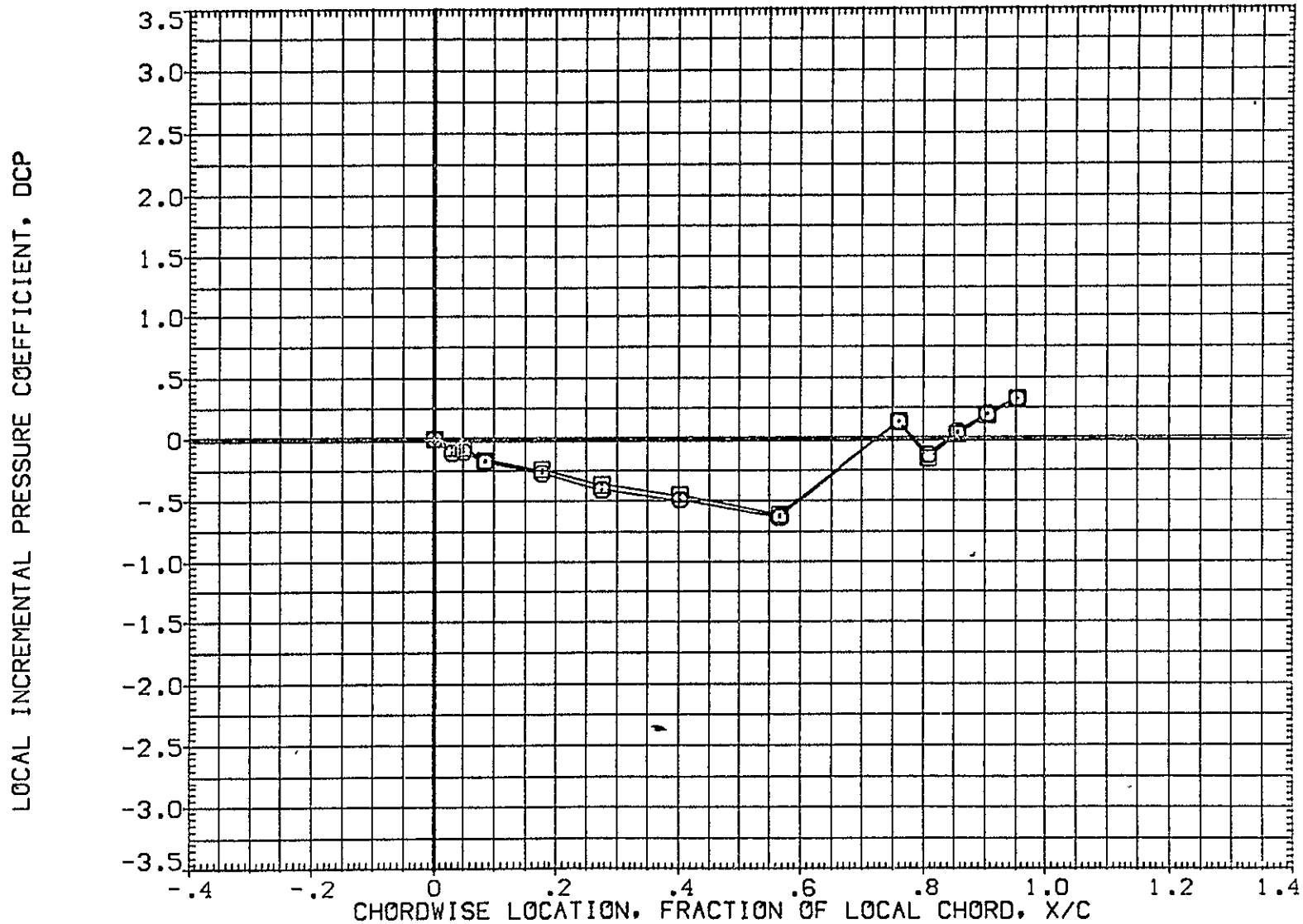

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

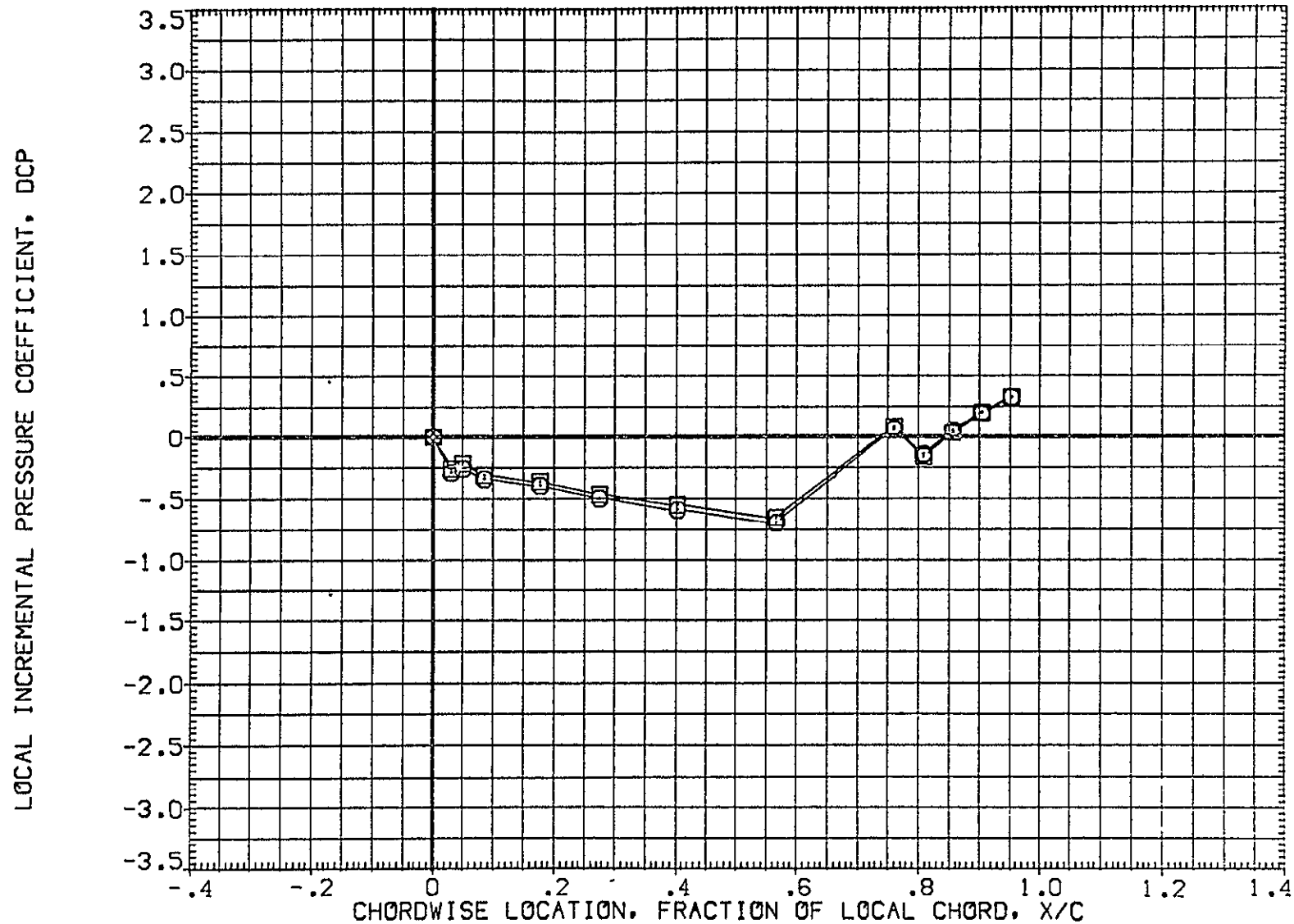

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

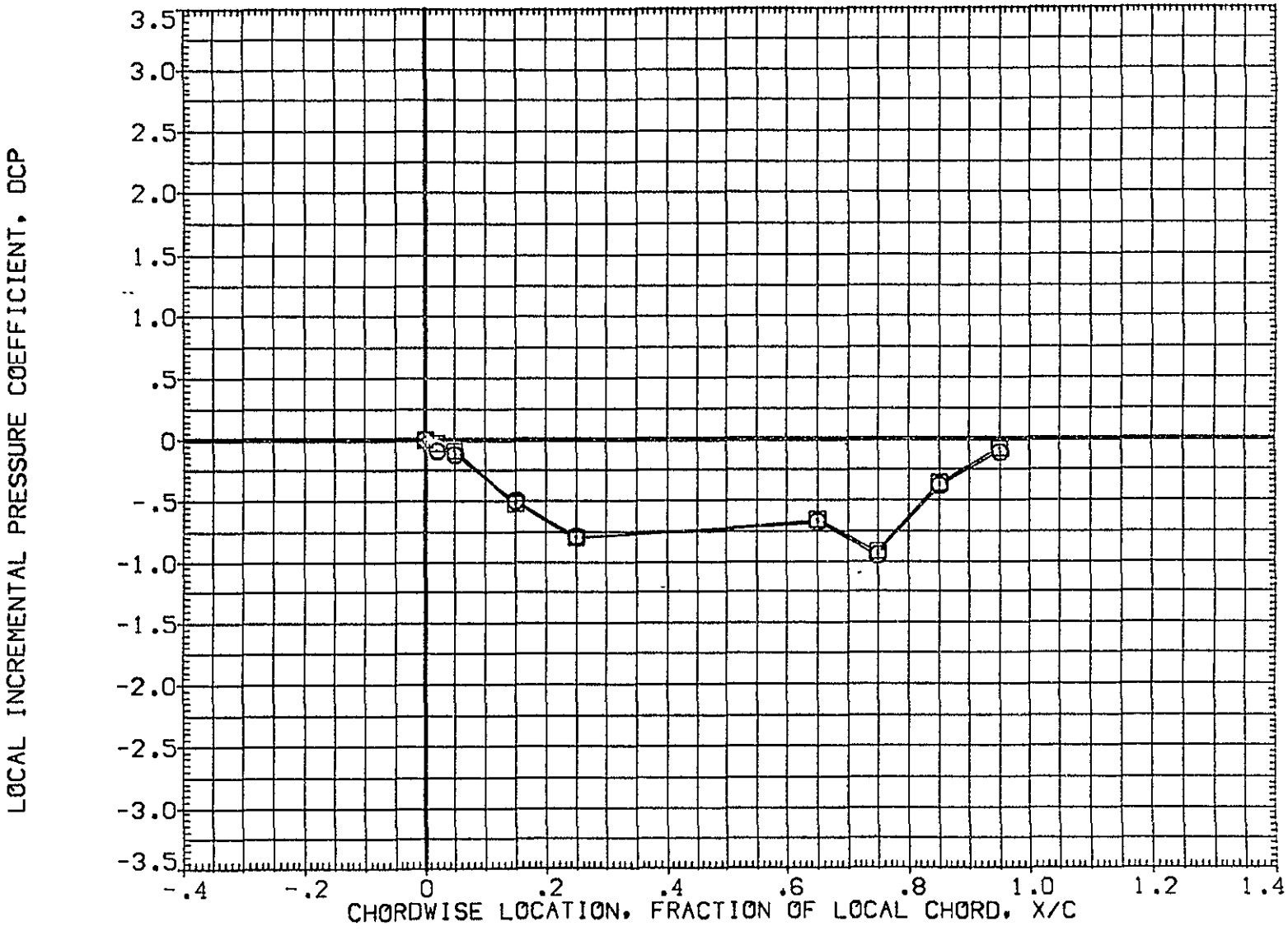

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	IA70	01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

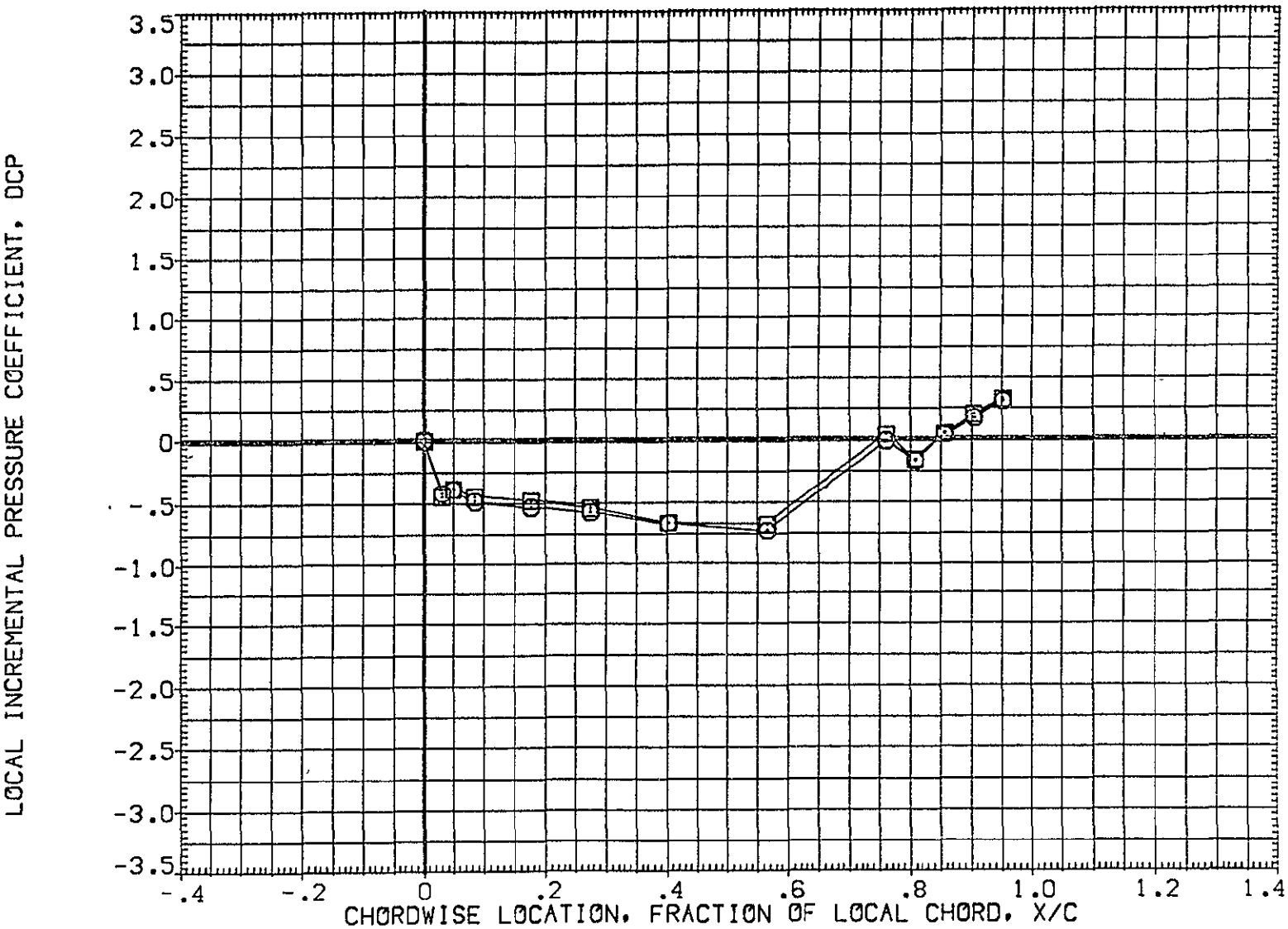

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055) ○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066) □	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

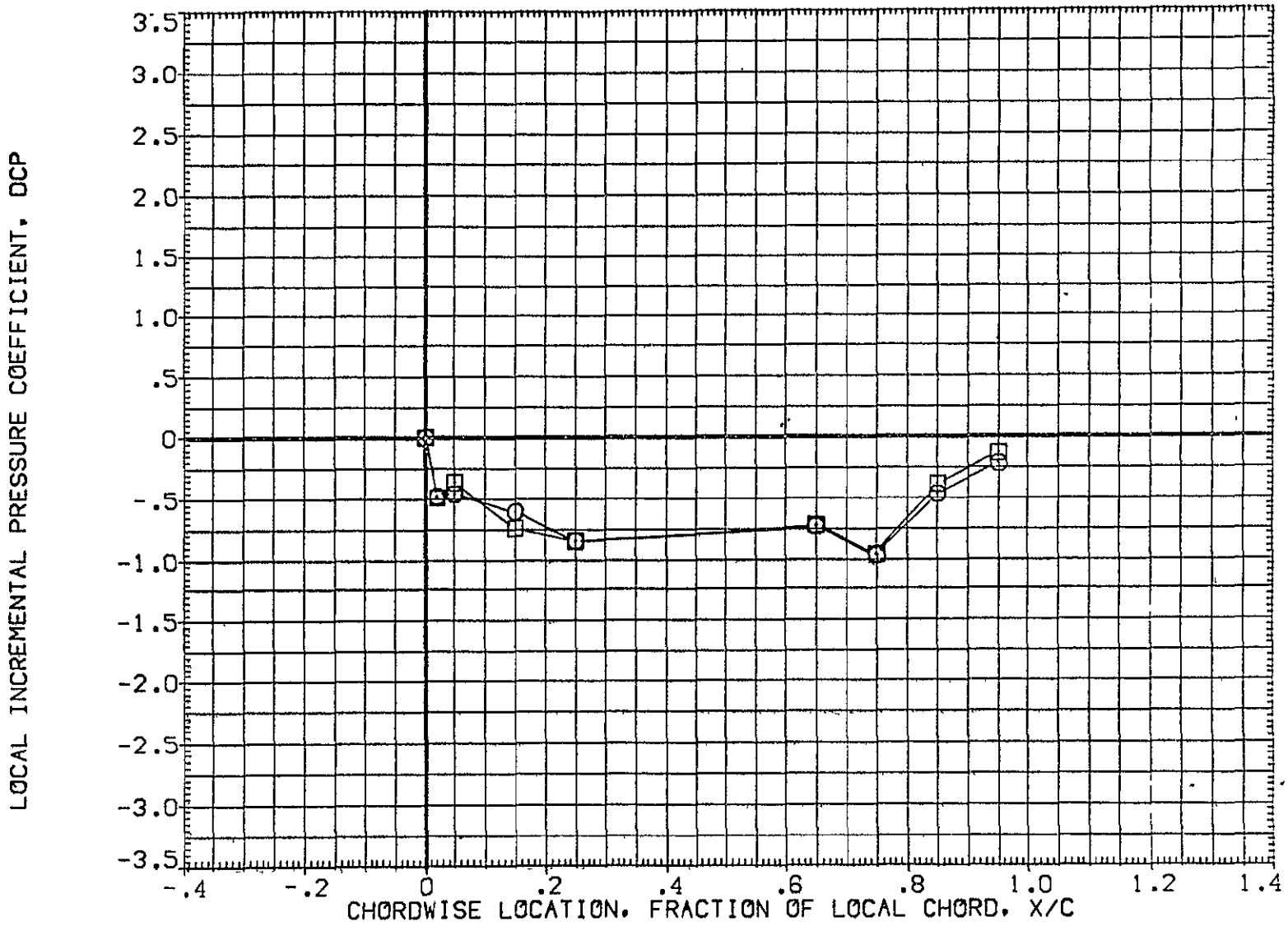

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066)	□	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

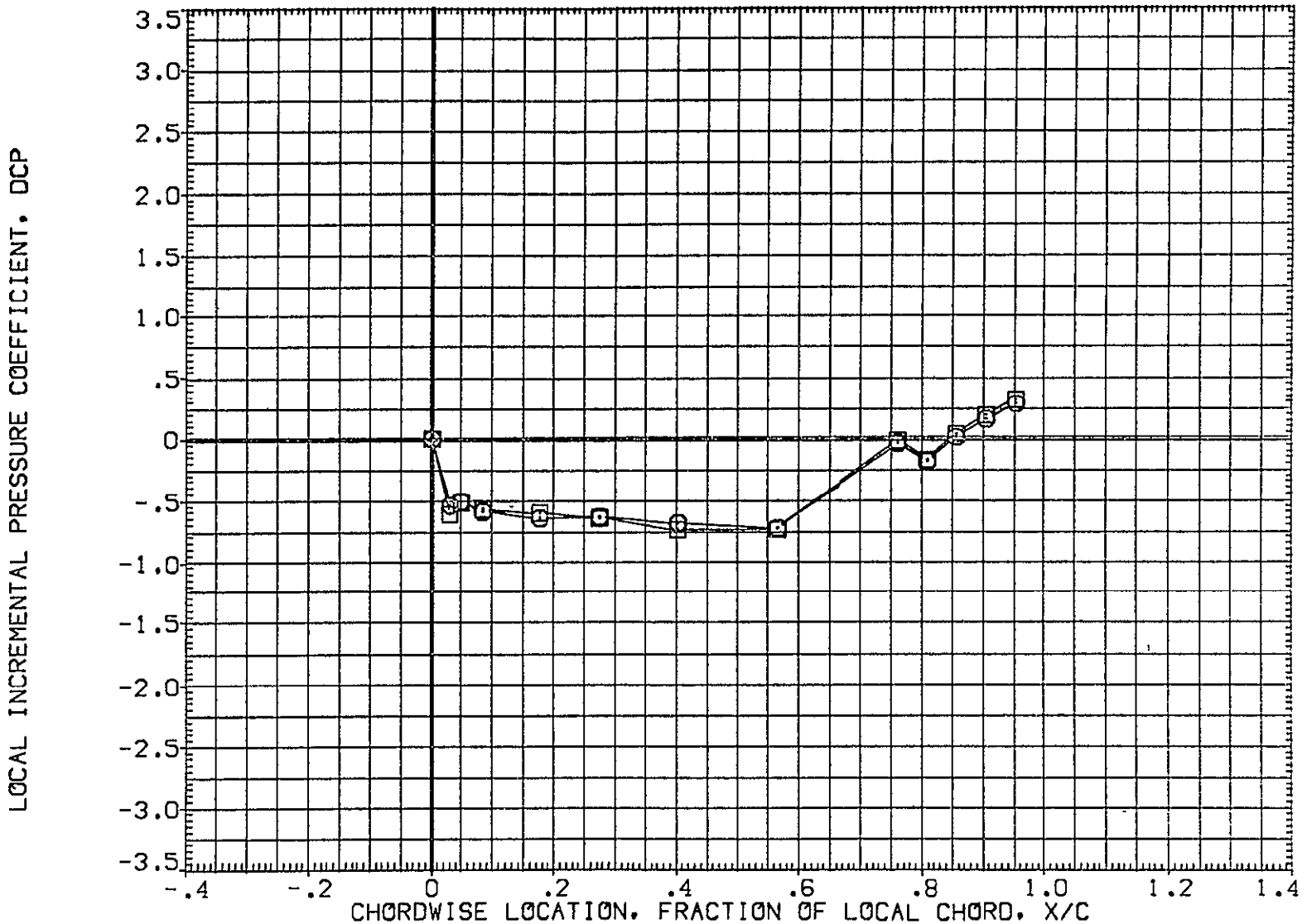

FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7055) ○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000
(AF7066) □	1A70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	8.000	8.000	8.000	8.000

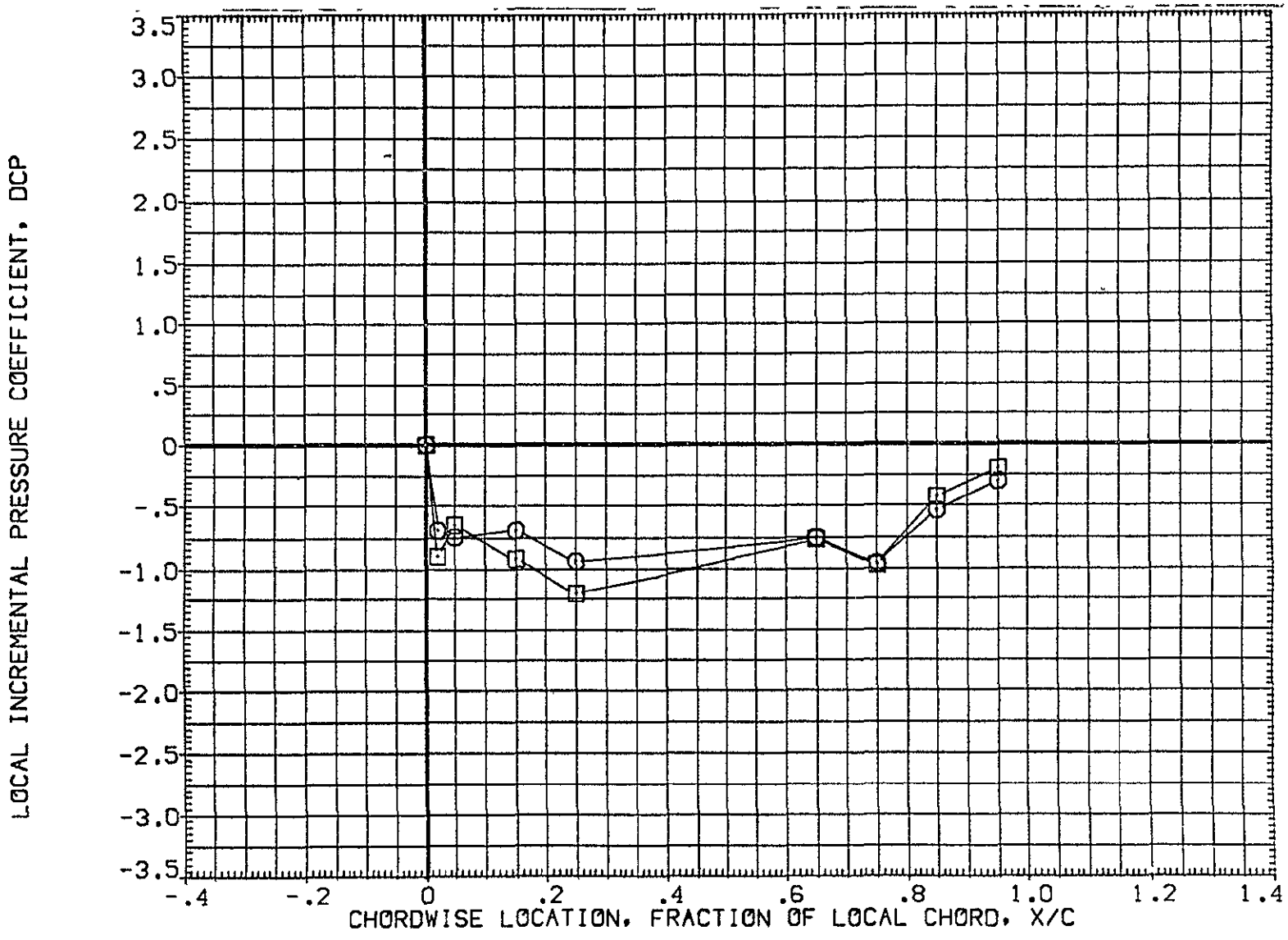

FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

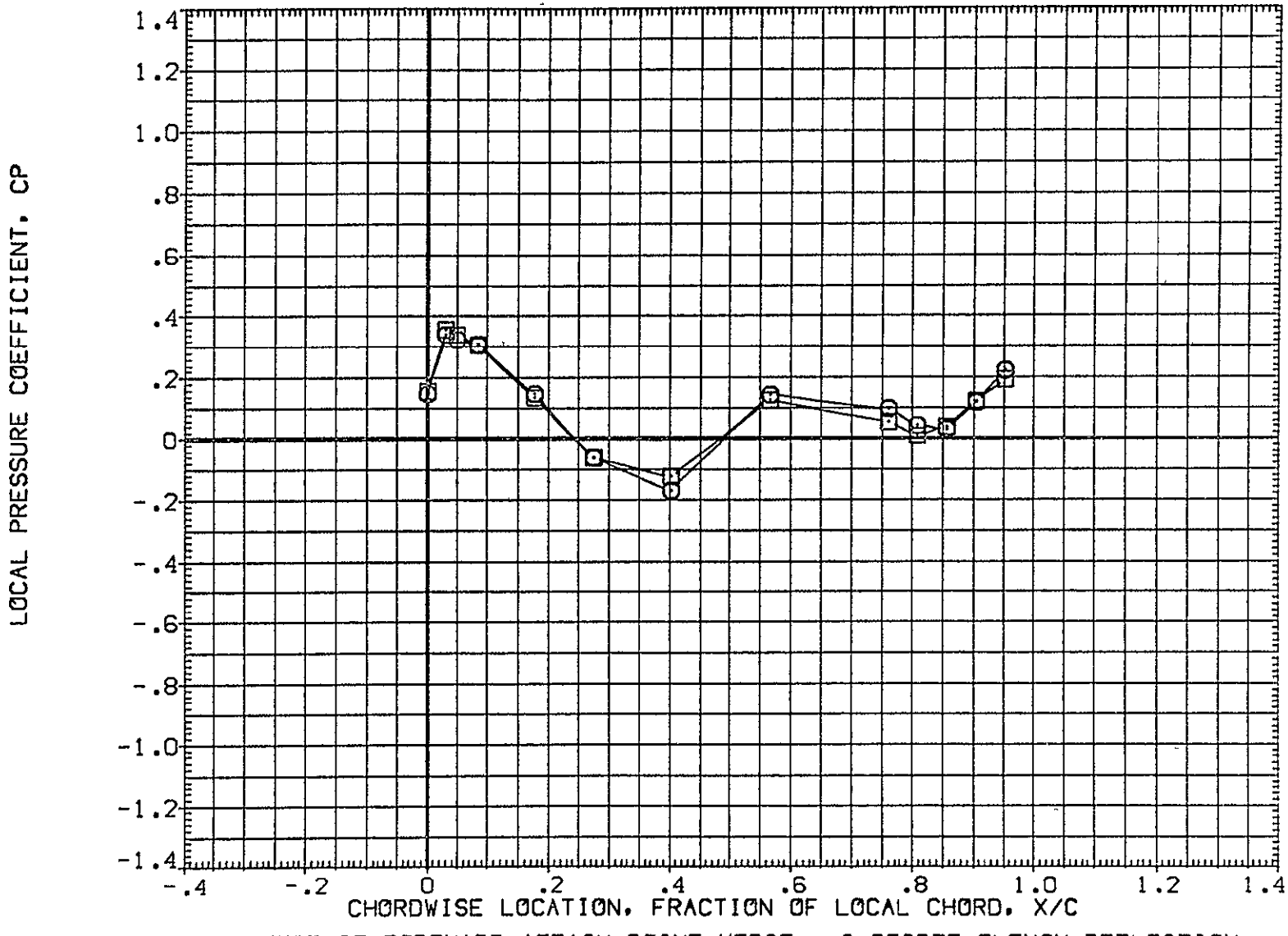

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

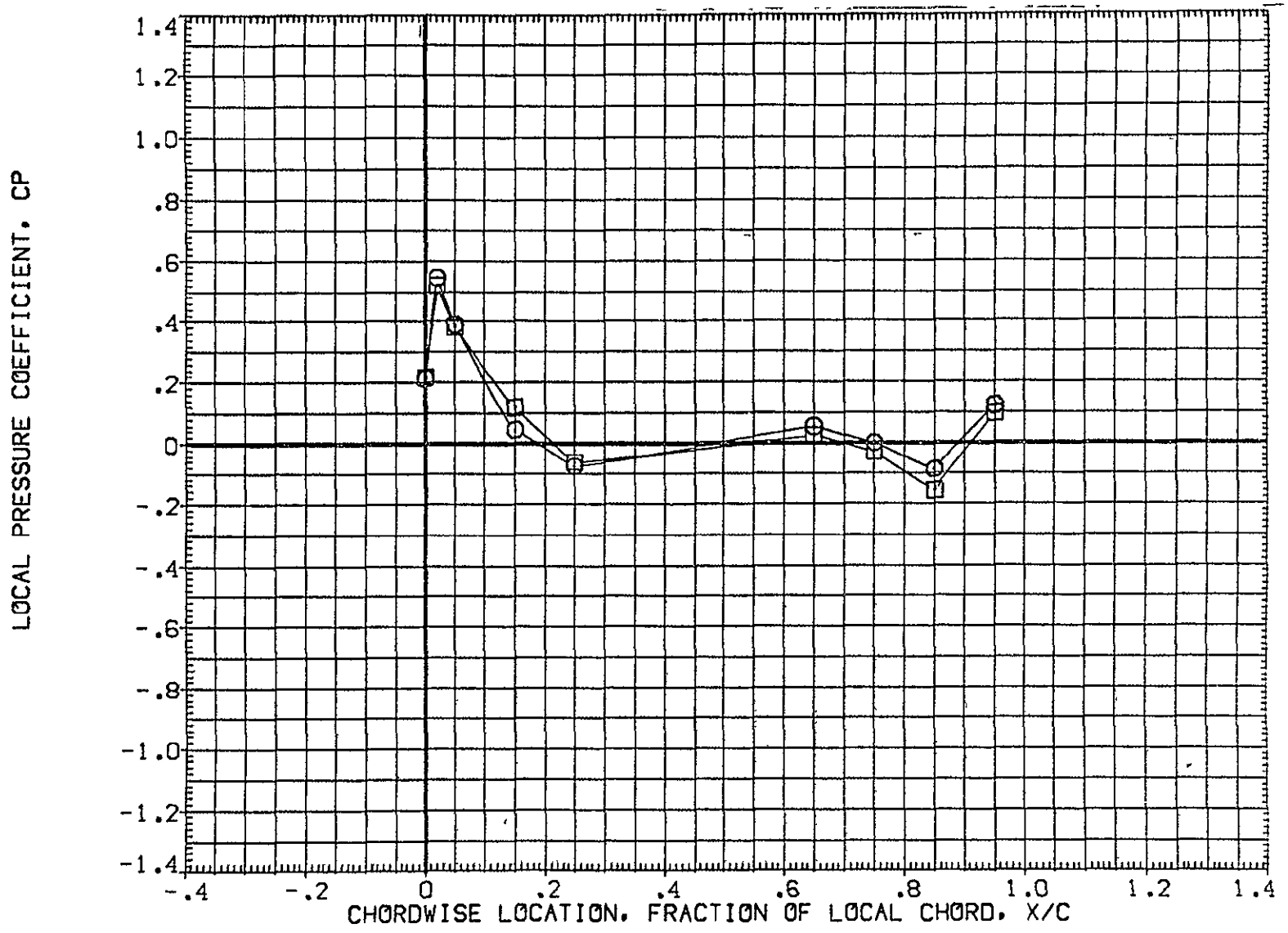

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67) □	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

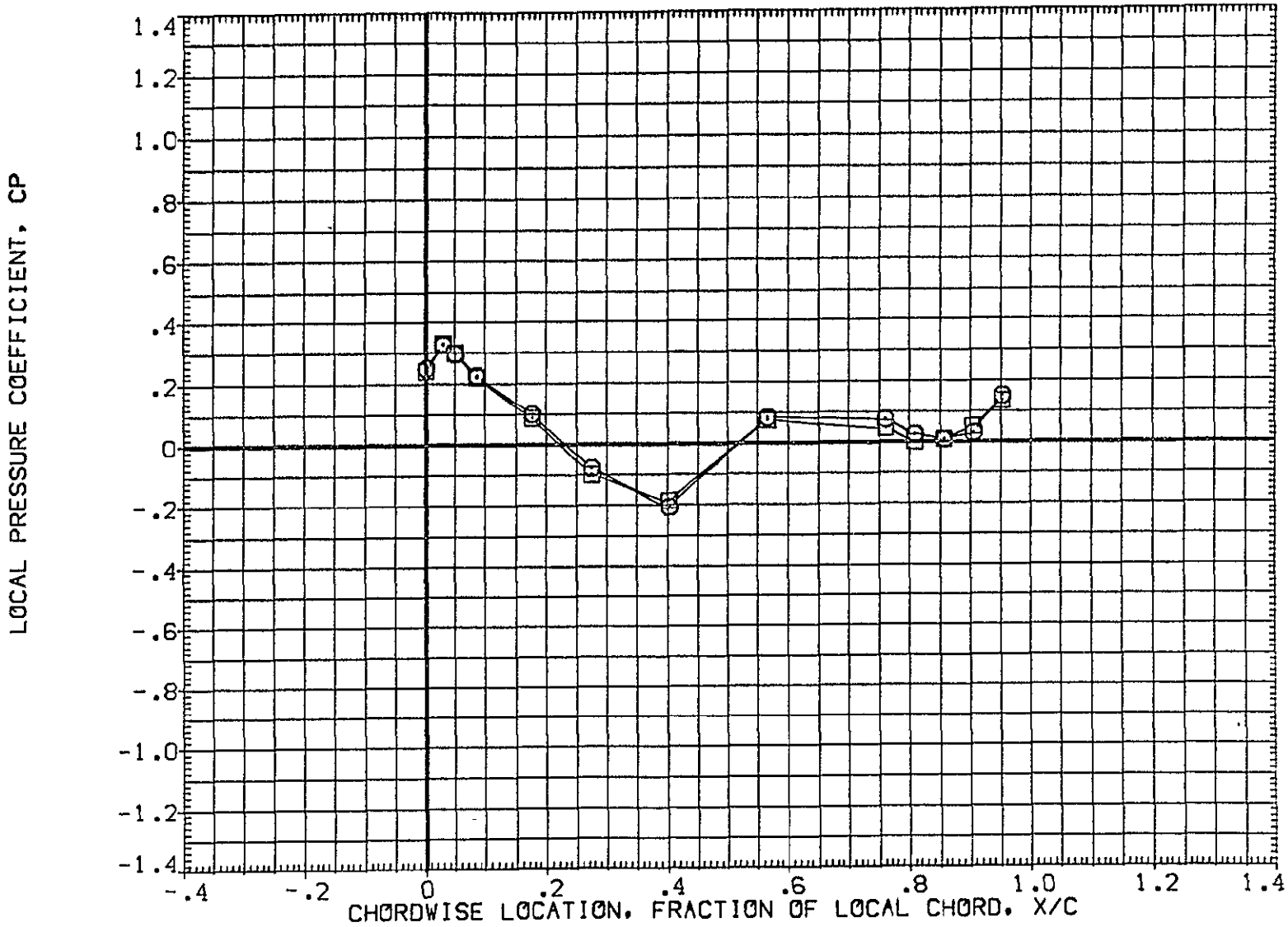

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

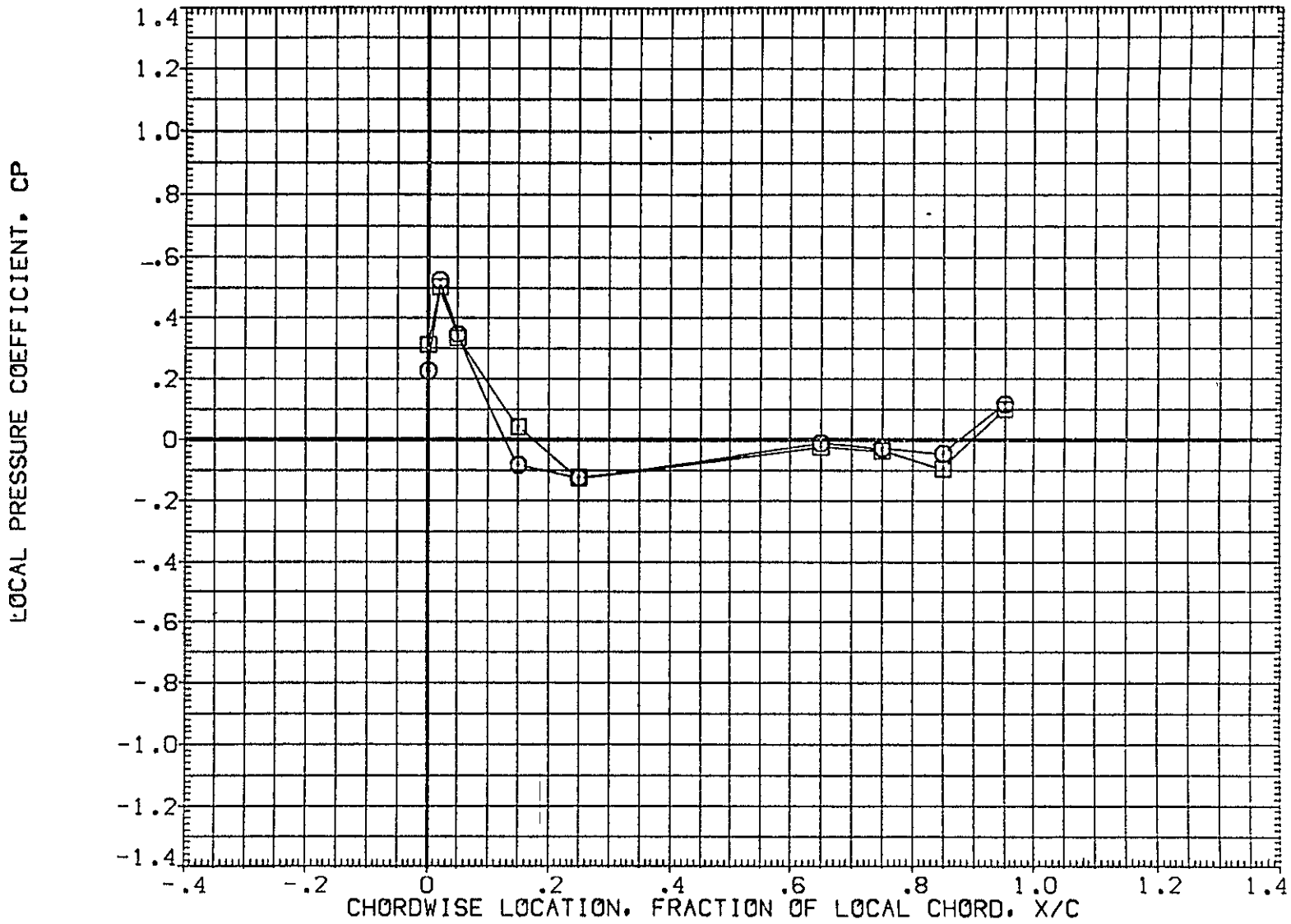

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

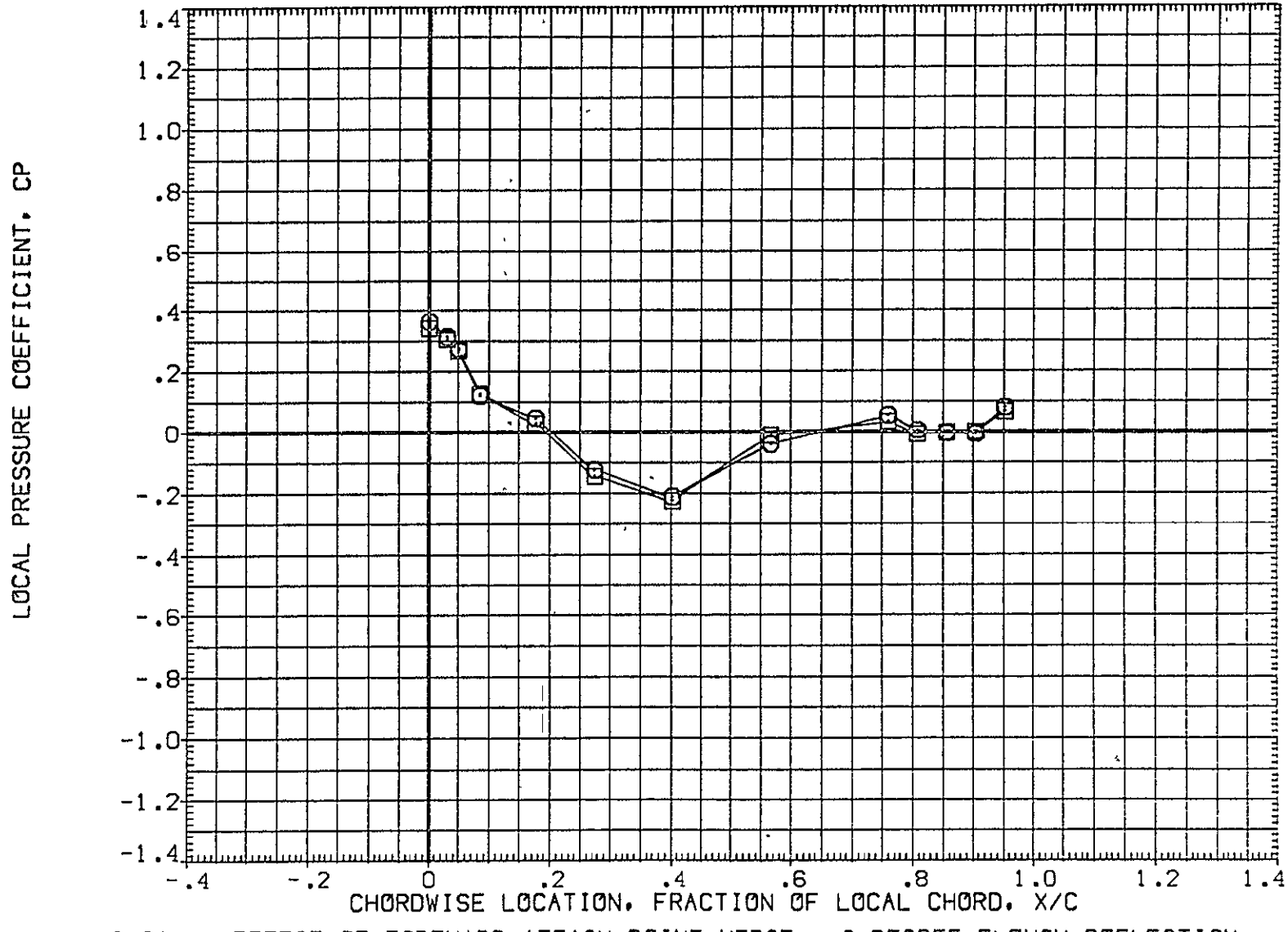

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

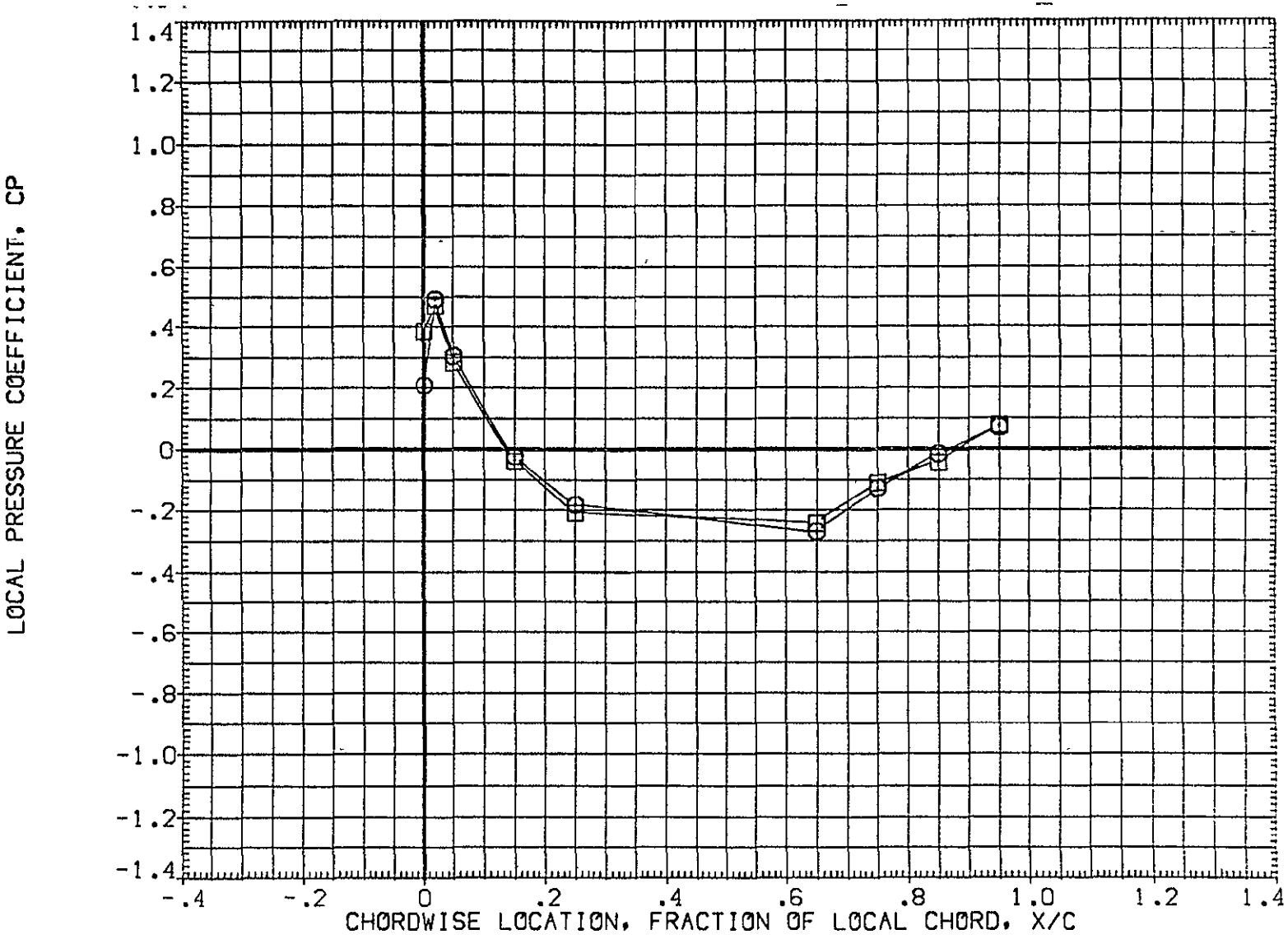

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

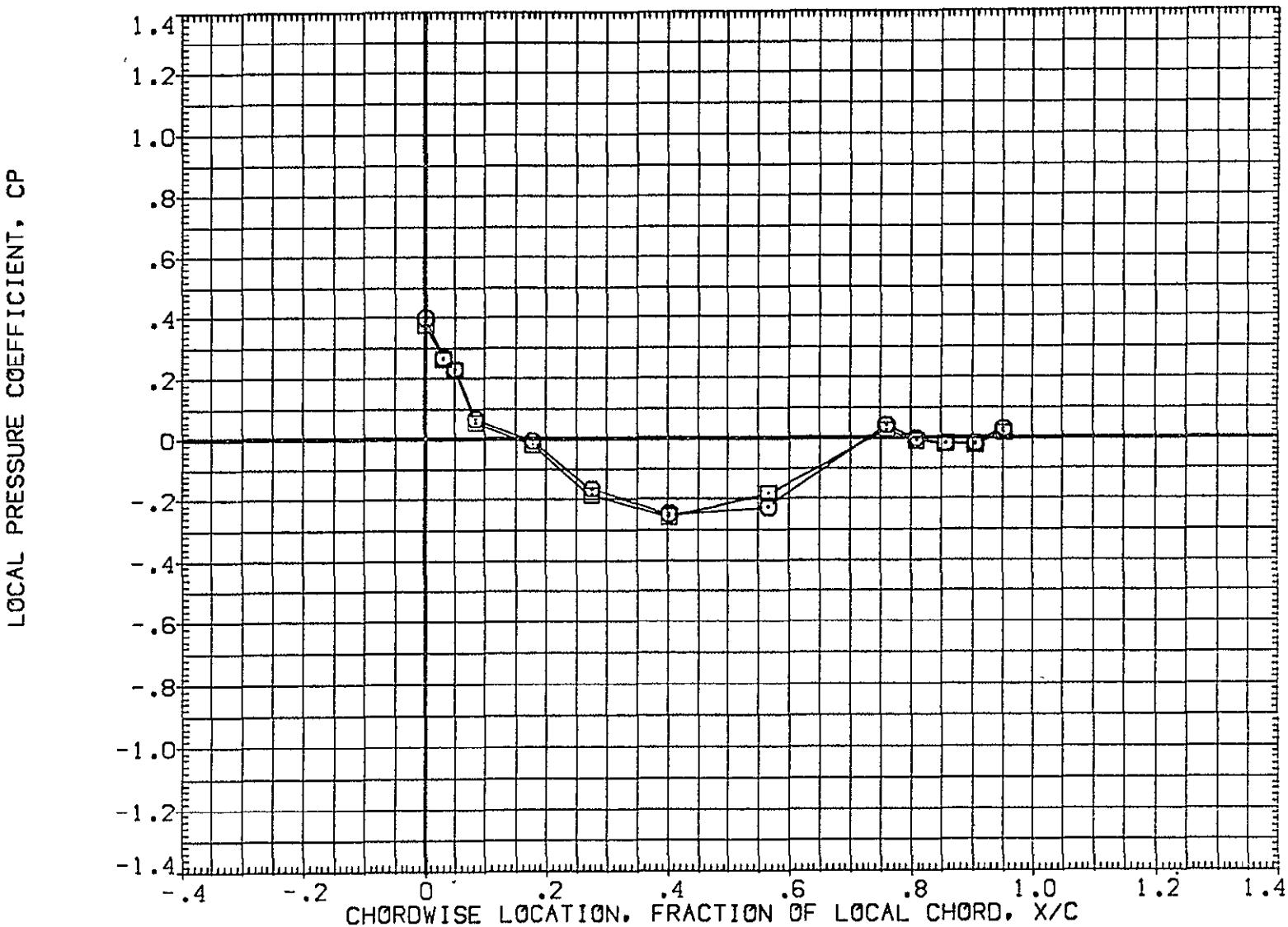

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
[AF7U67]	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

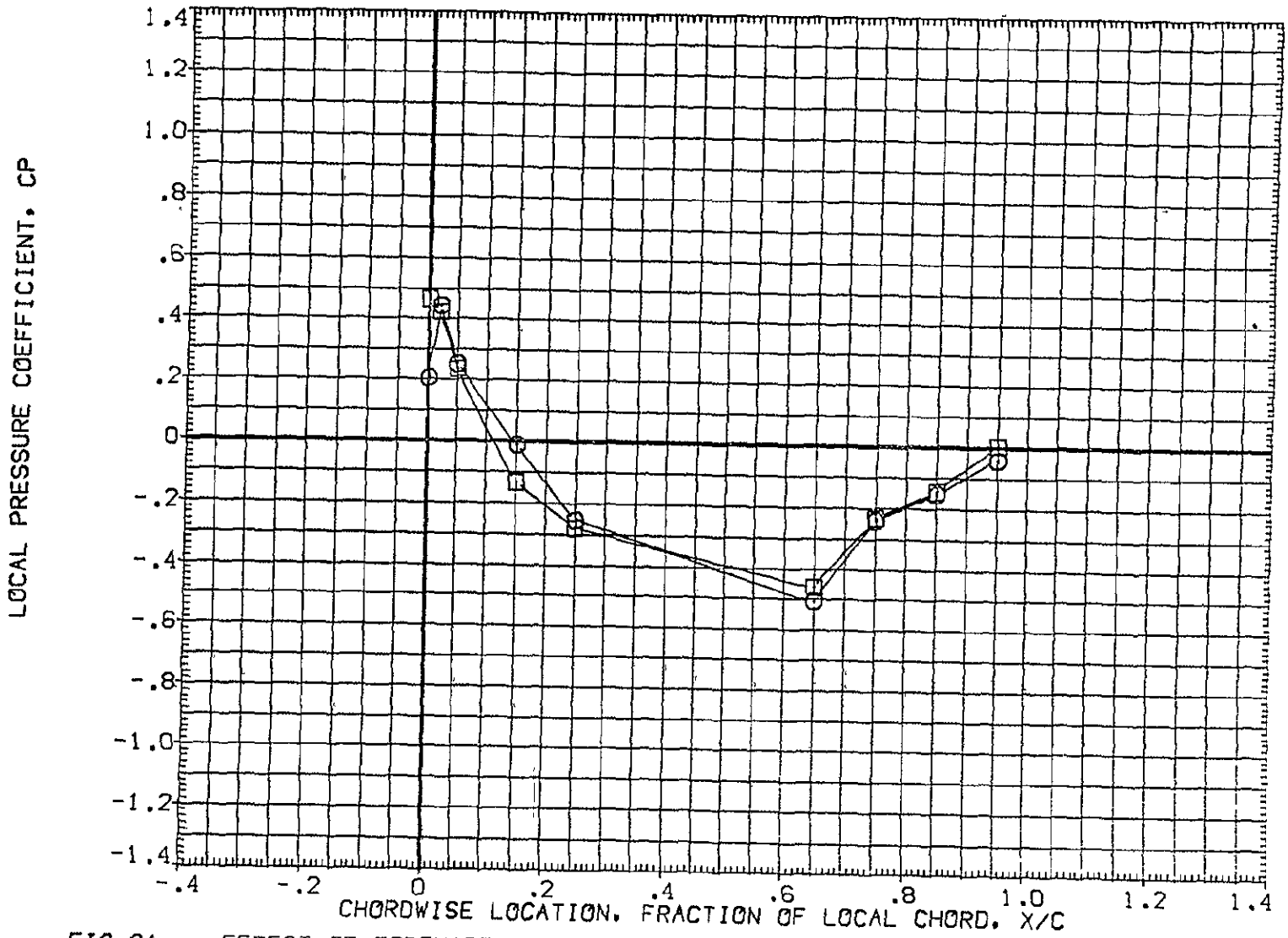

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

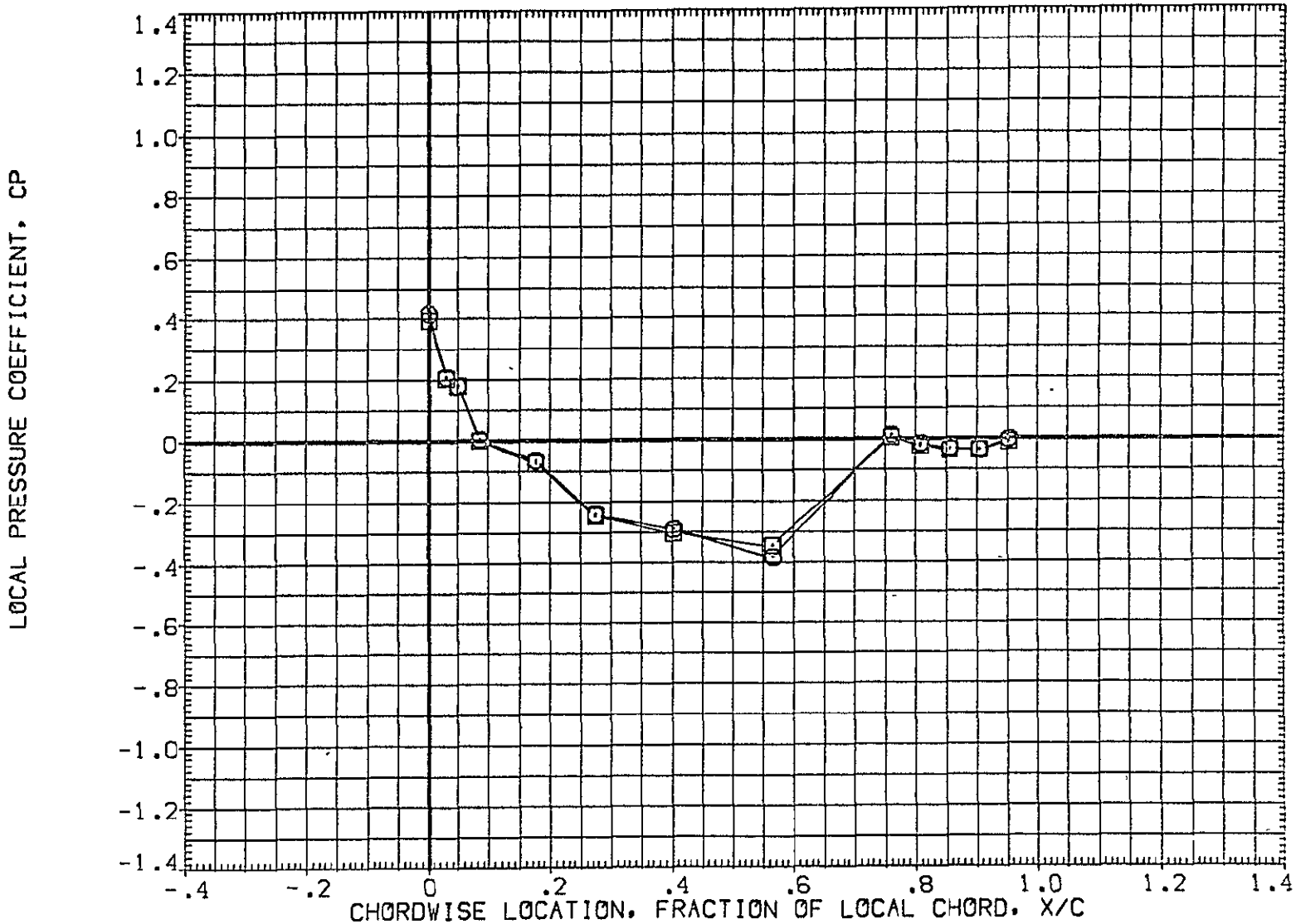

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67) □	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

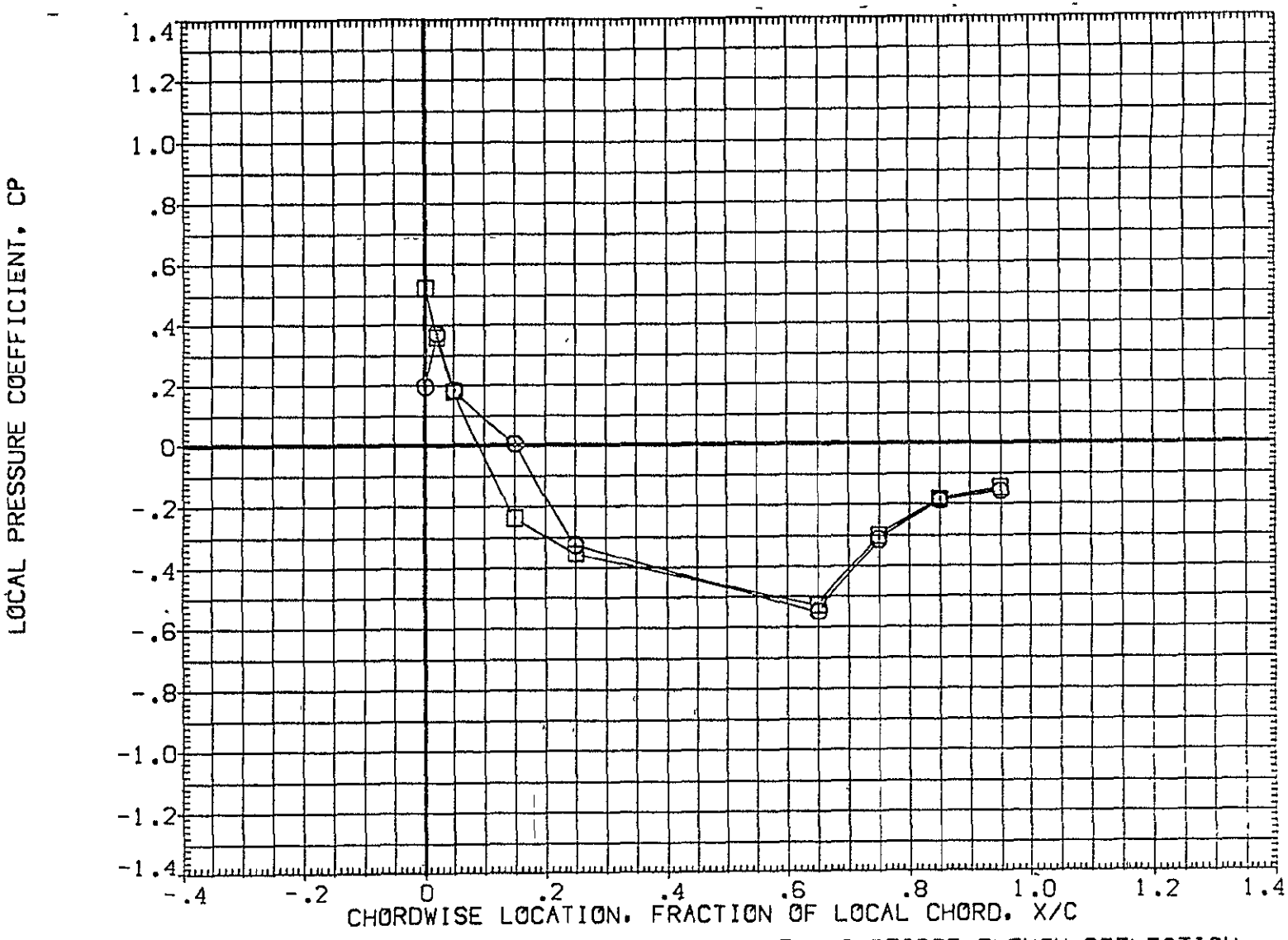

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

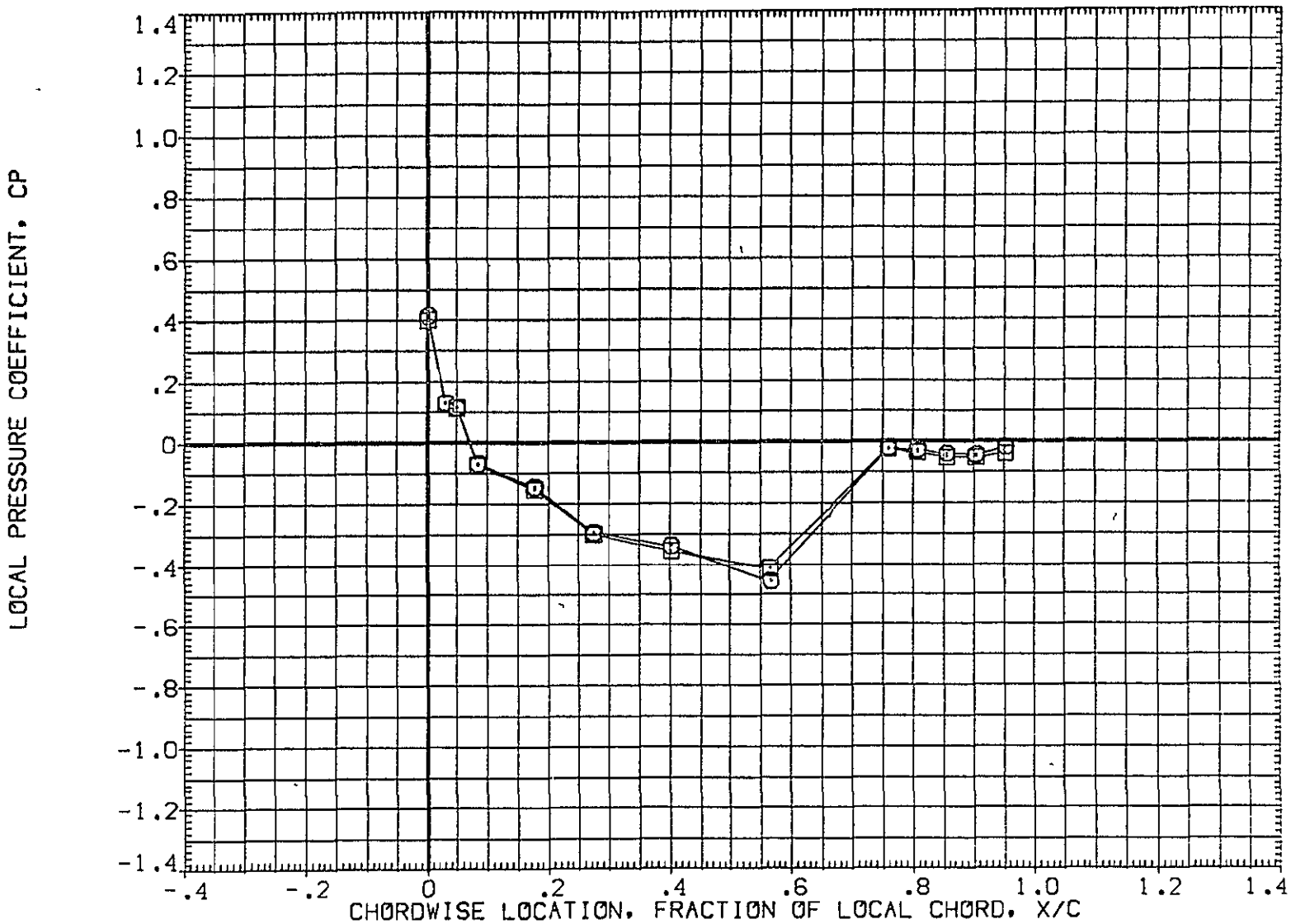

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

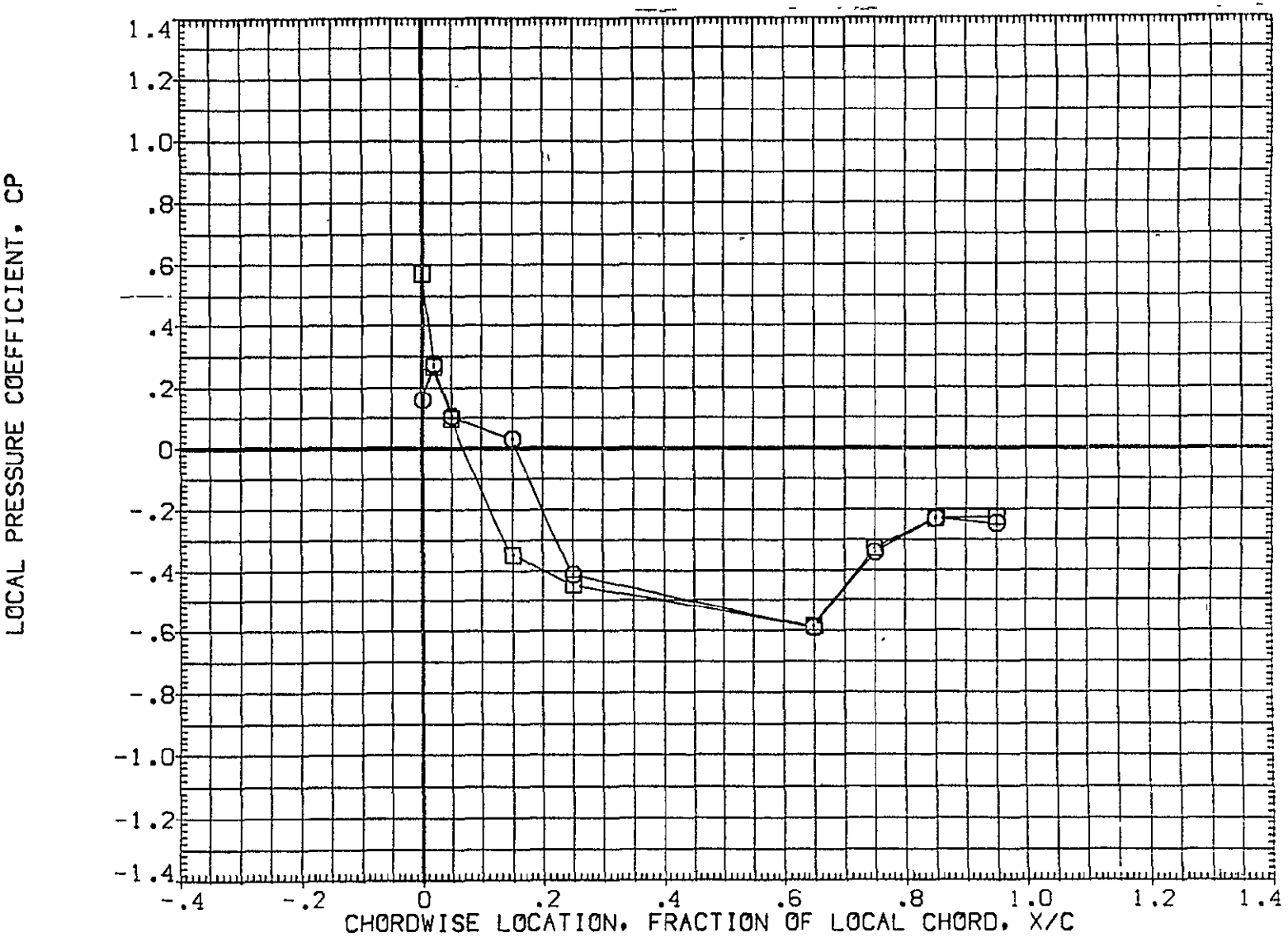

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

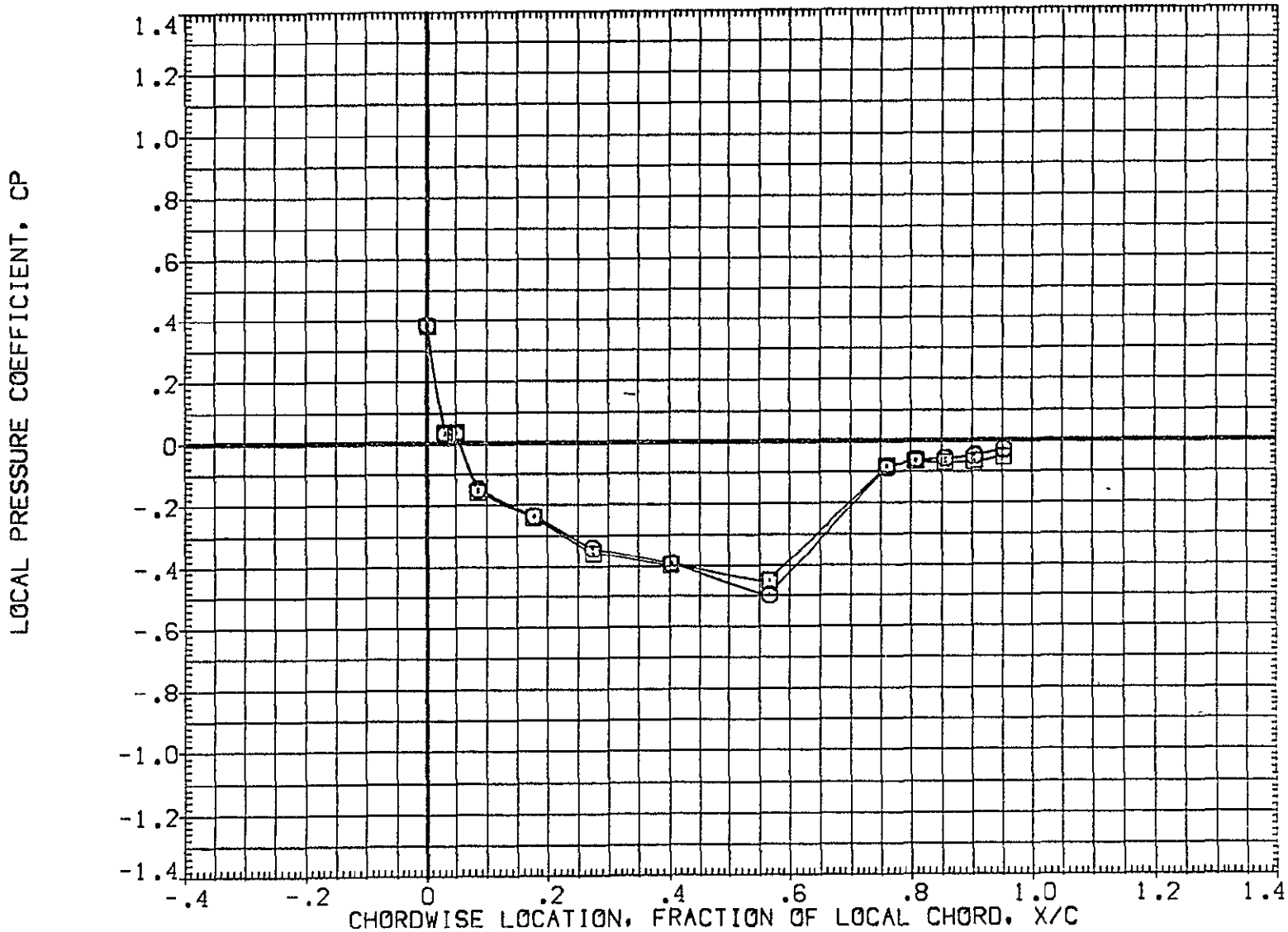

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	IA70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

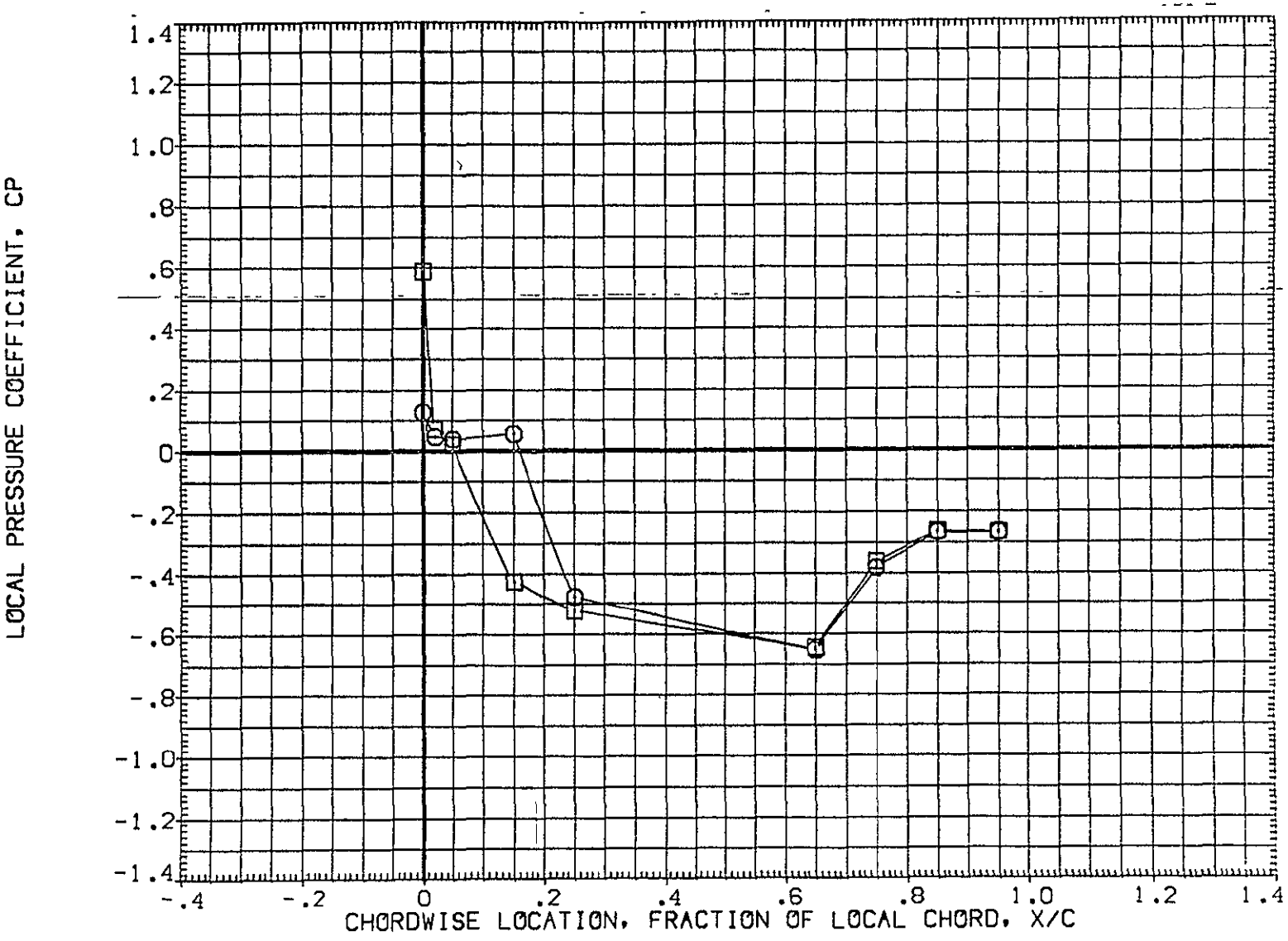

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

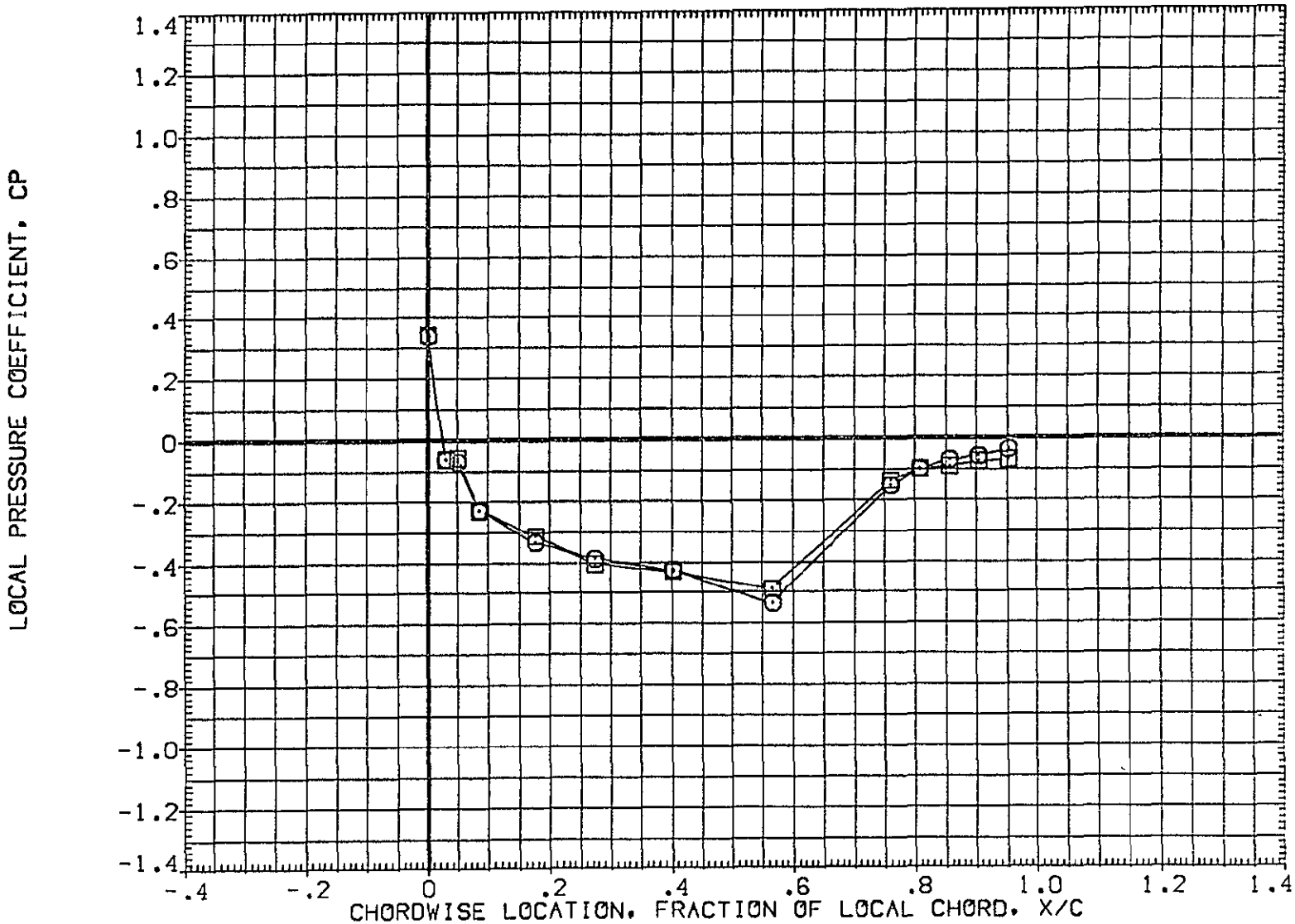

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67) □	1A70	01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

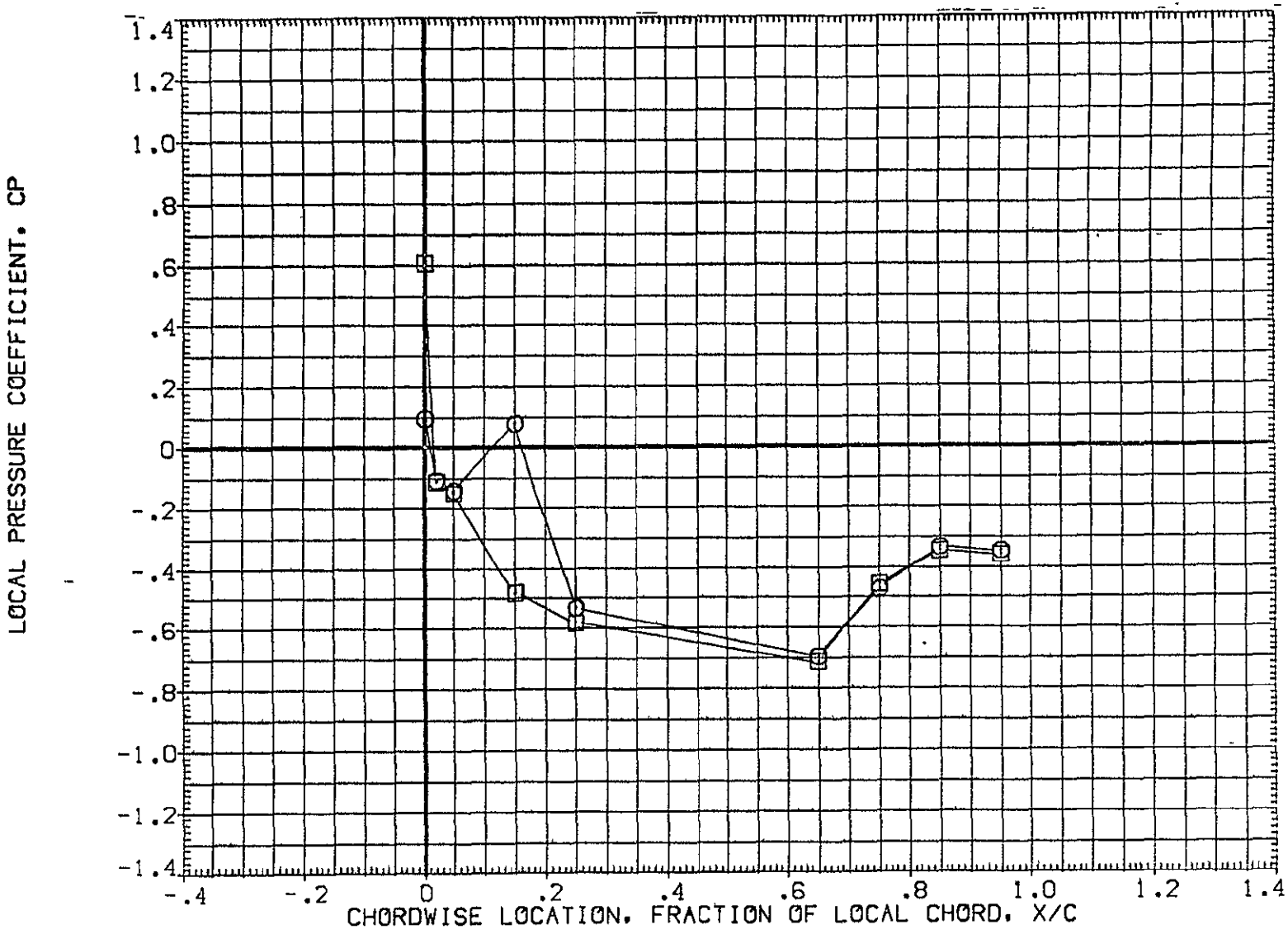

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67) □	IA70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

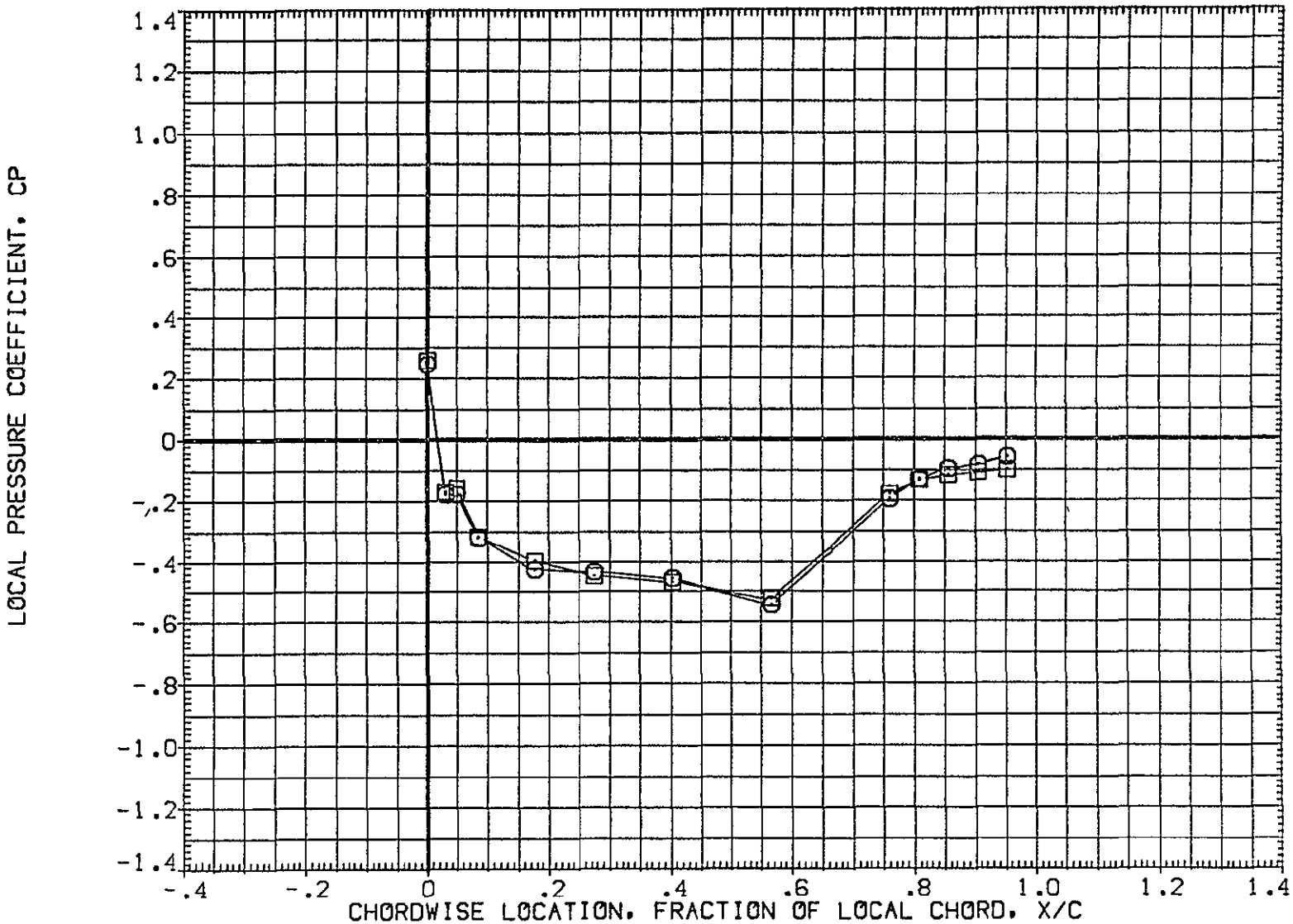

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	□	1A70 01 T12 S1 P2 P9	WING UPPER SURFACE	.000	.000	.000	.000

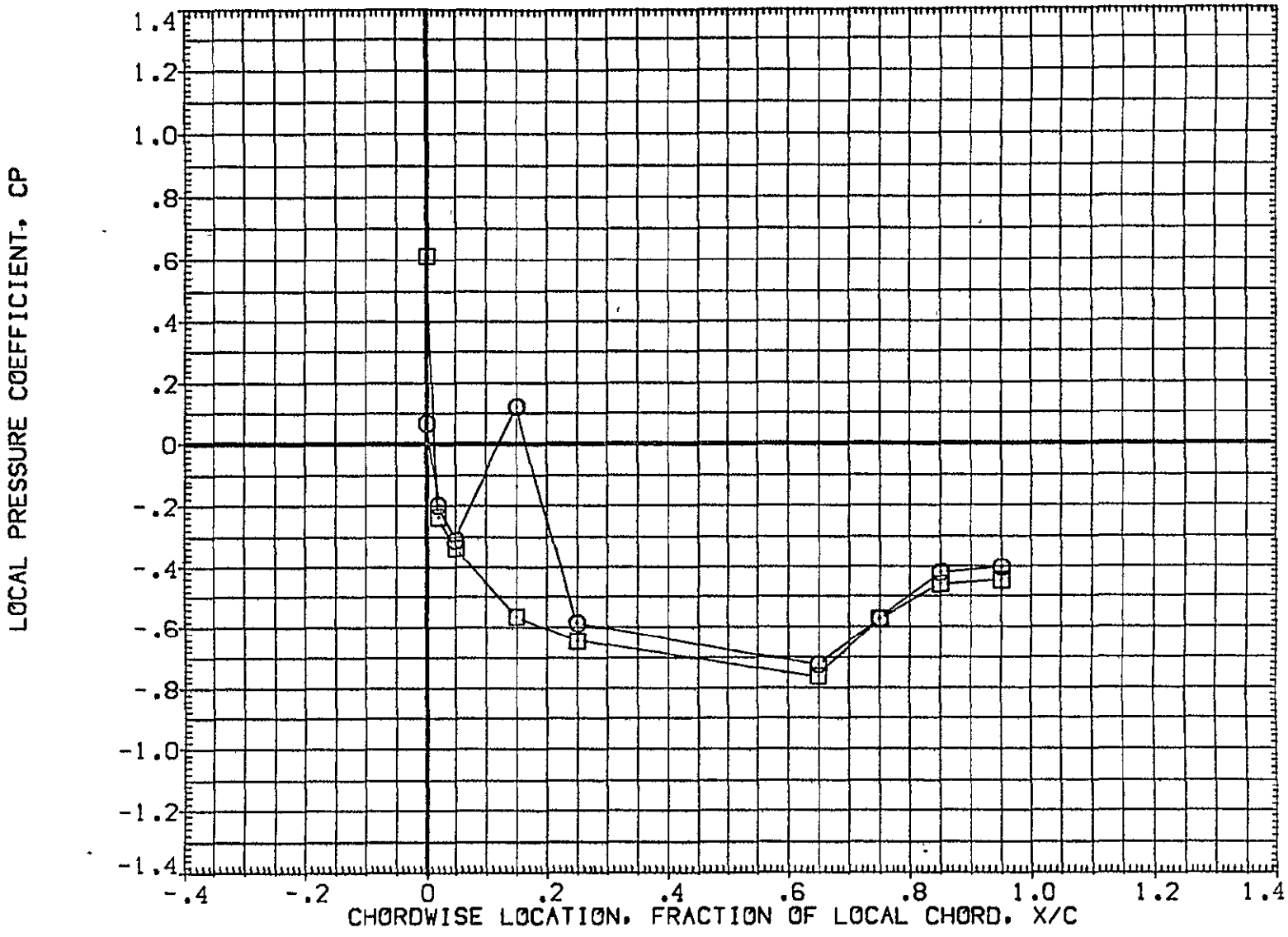

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

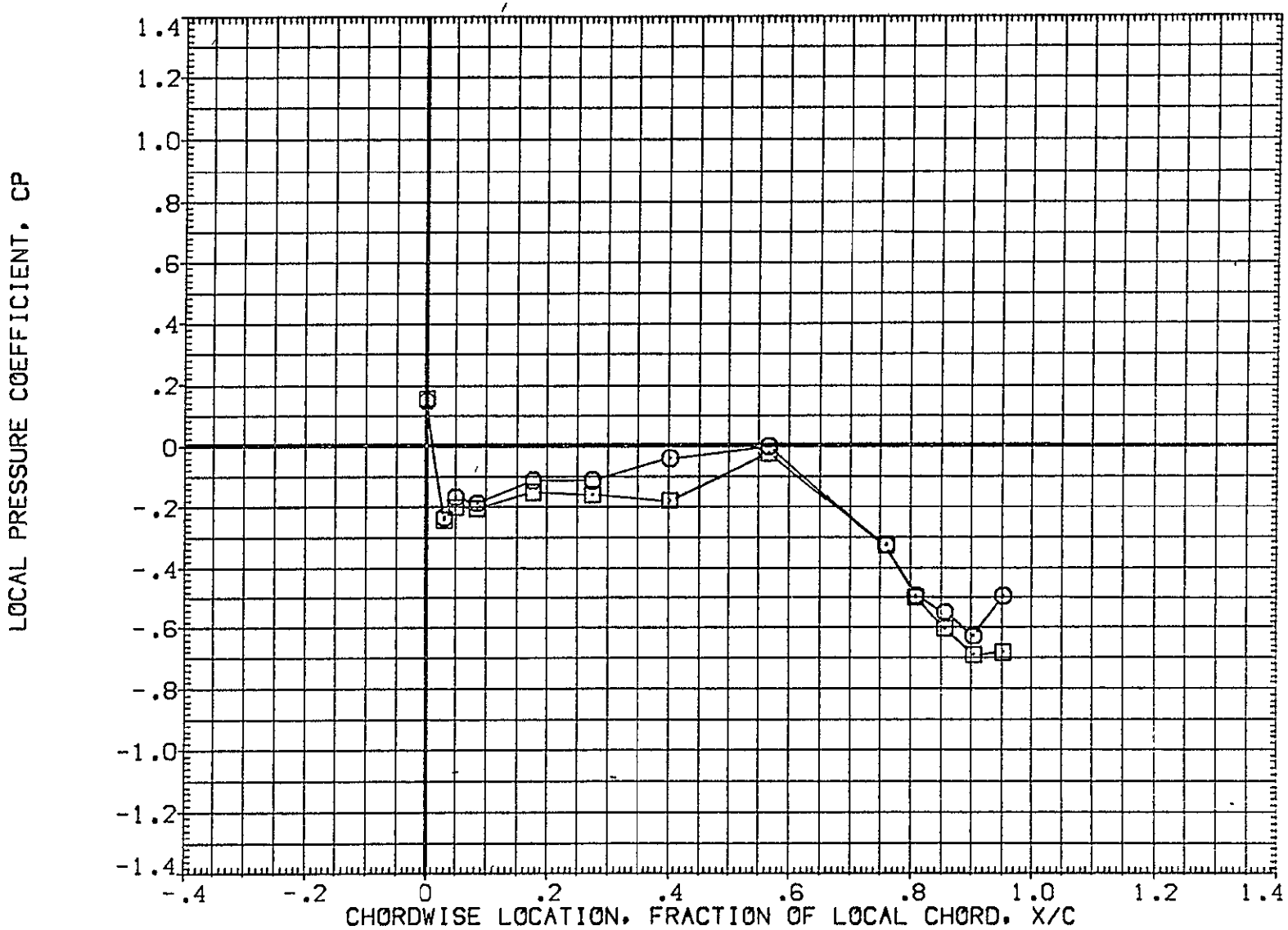

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

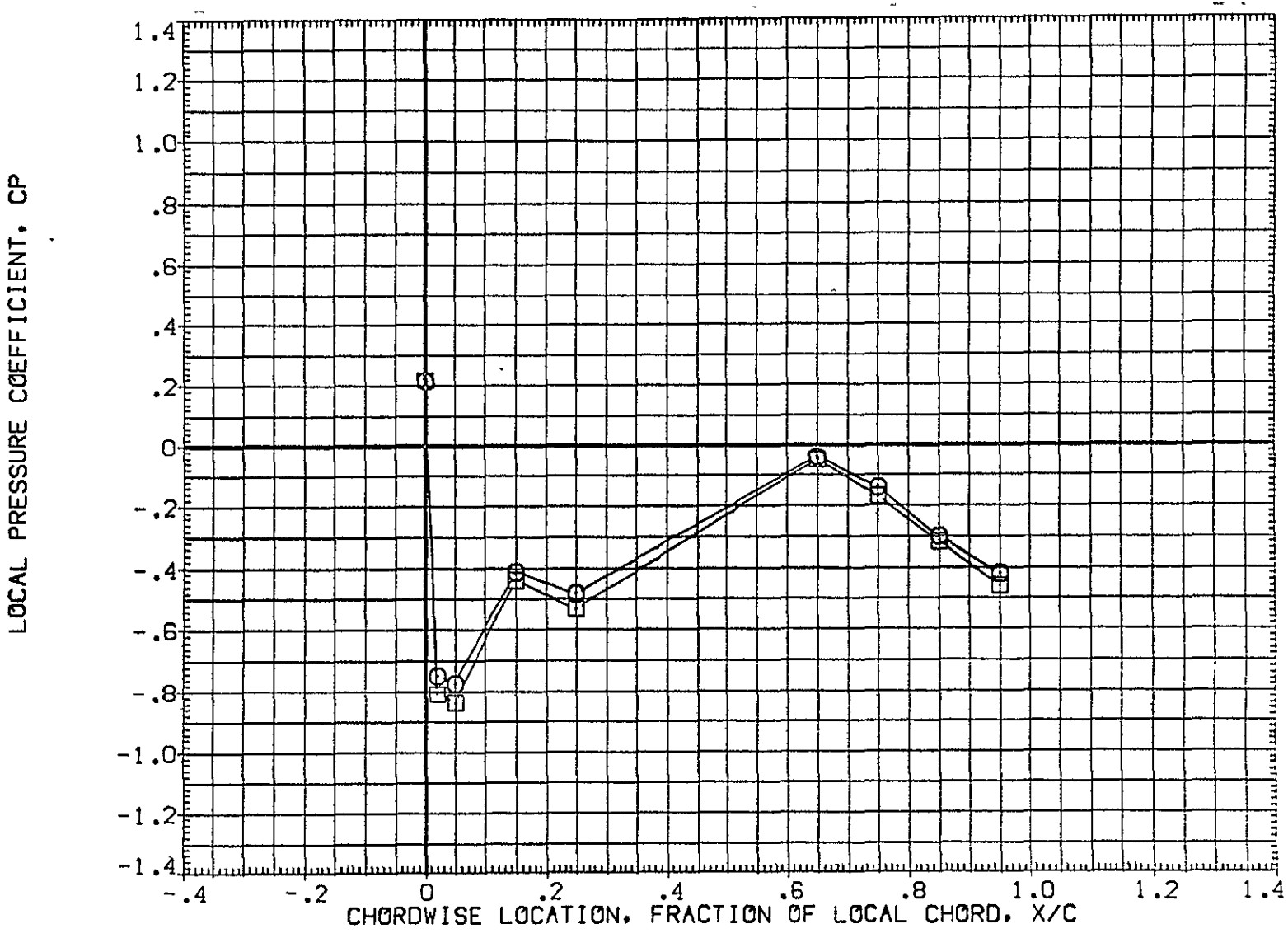

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67) □	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

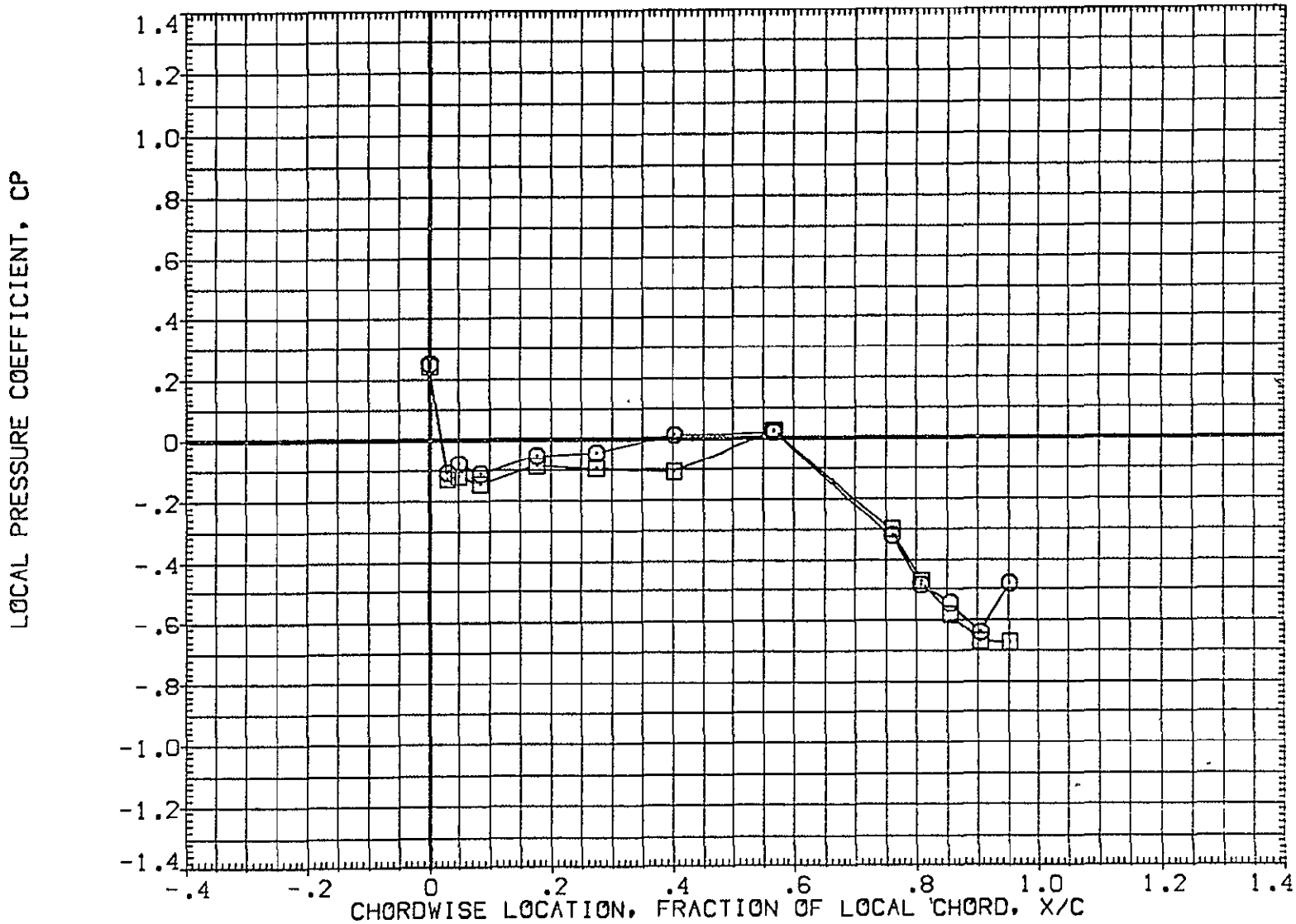

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45).	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

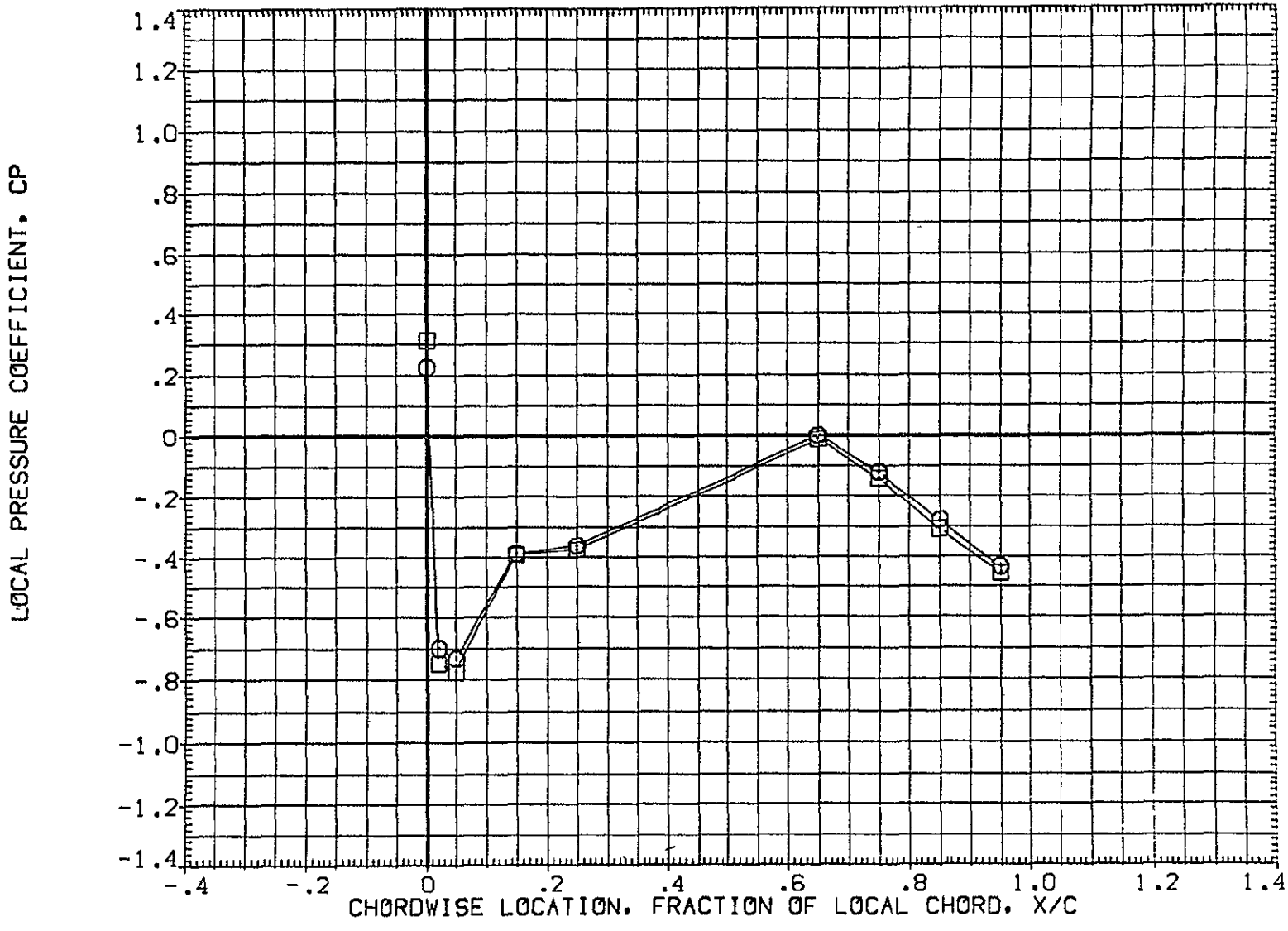

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67) □	1A70 01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

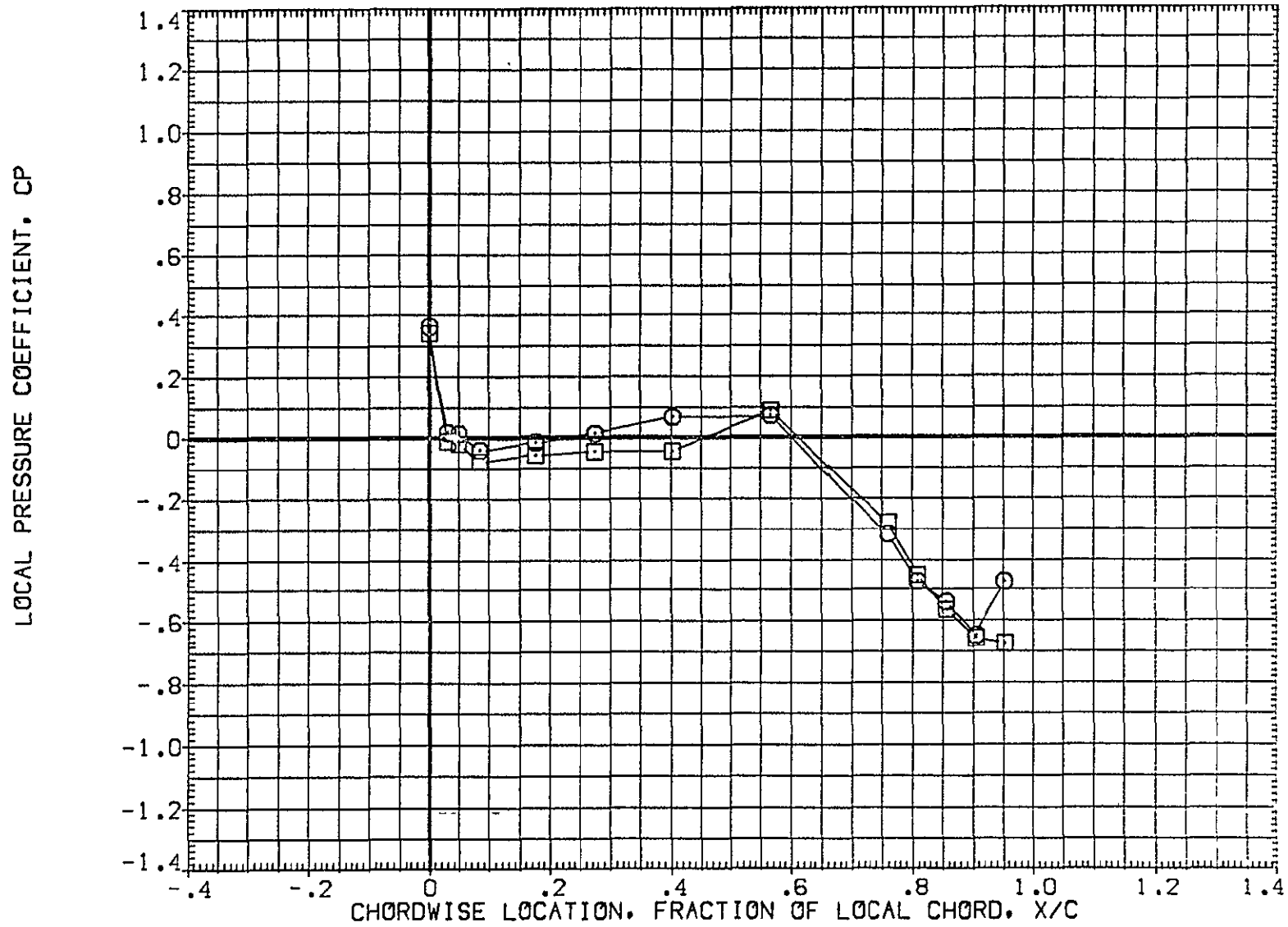

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

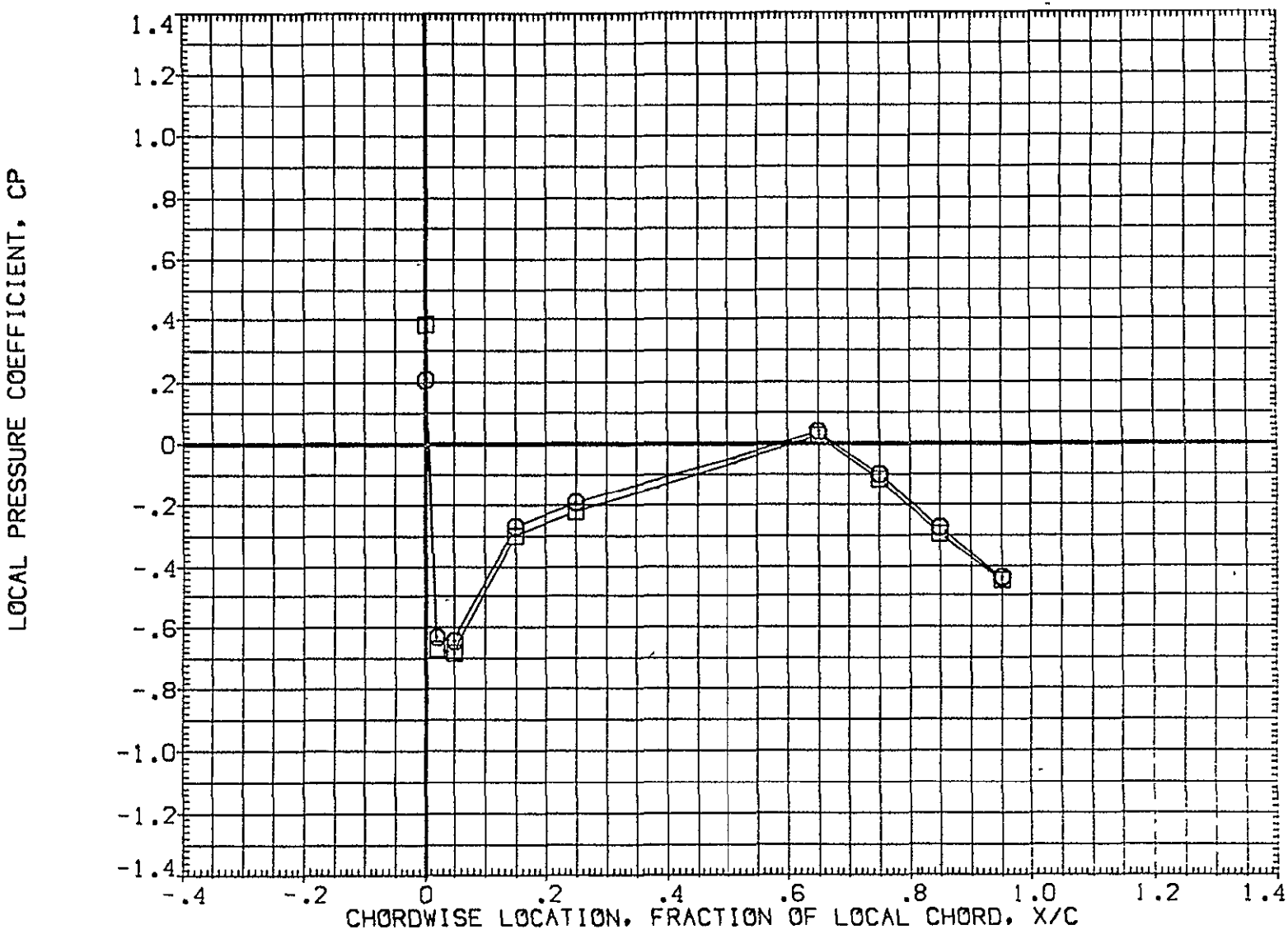

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

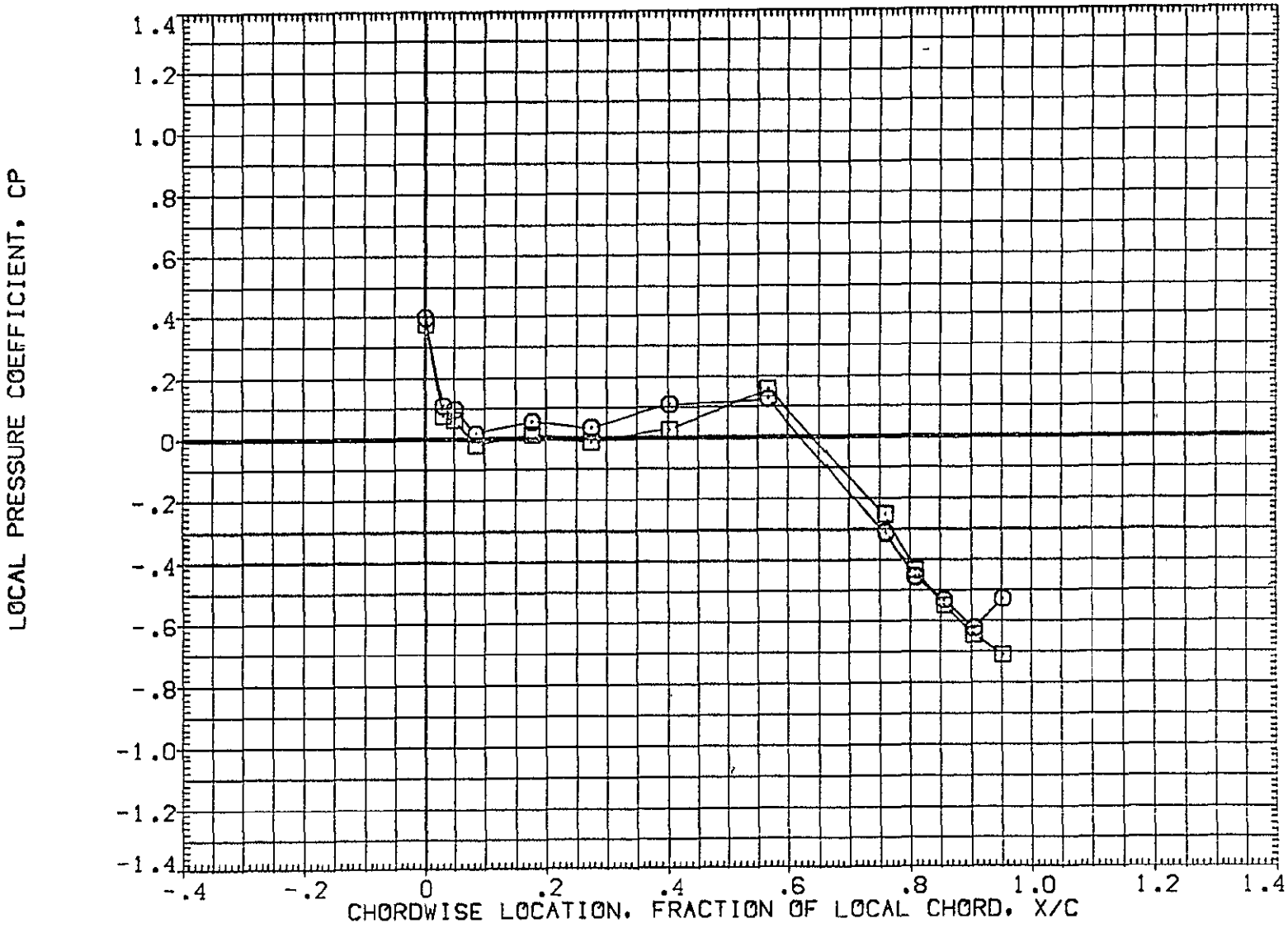

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

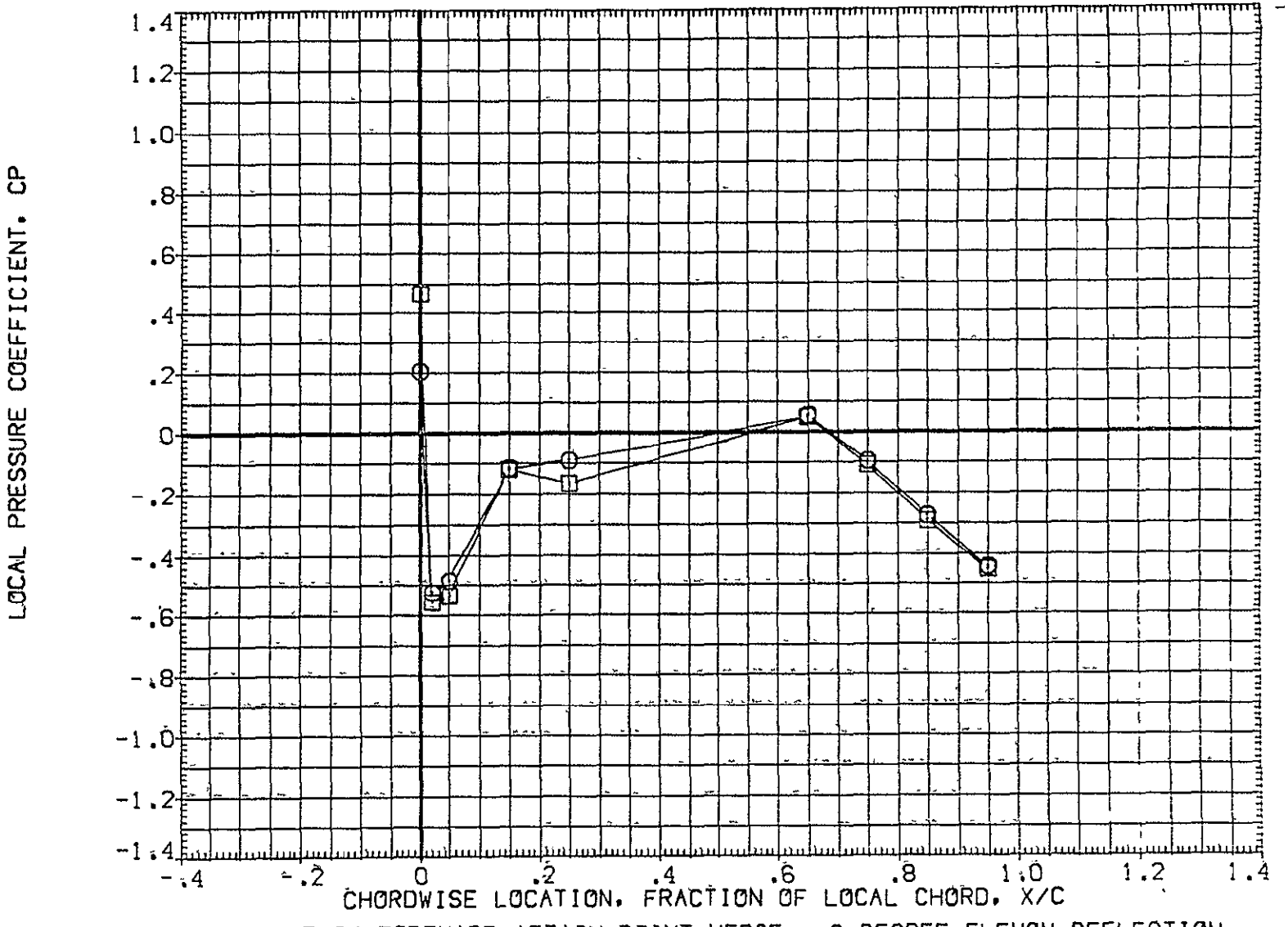

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE		.000	.000	.000	.000
(AF7L67)	□	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE		.000	.000	.000	.000

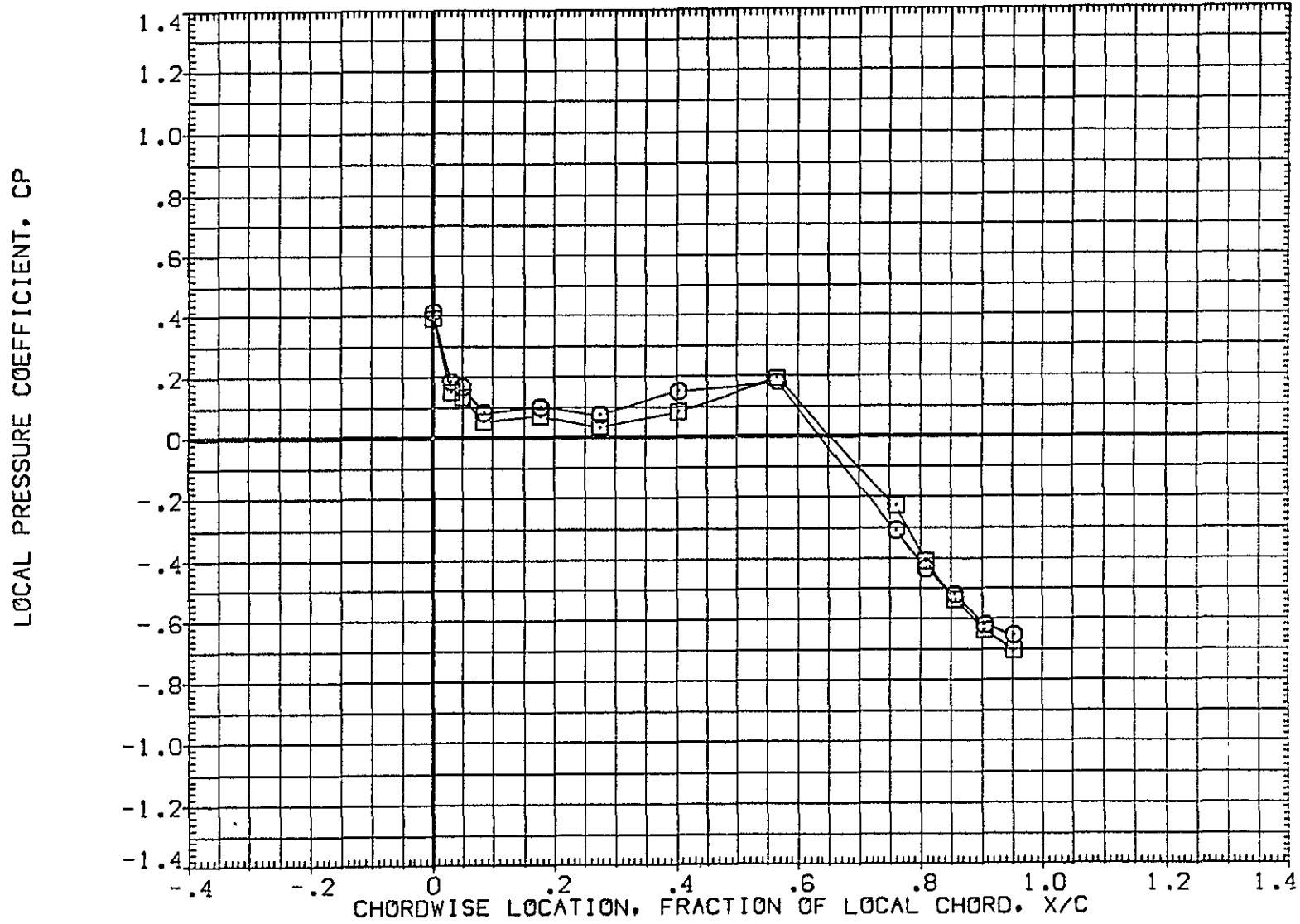

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

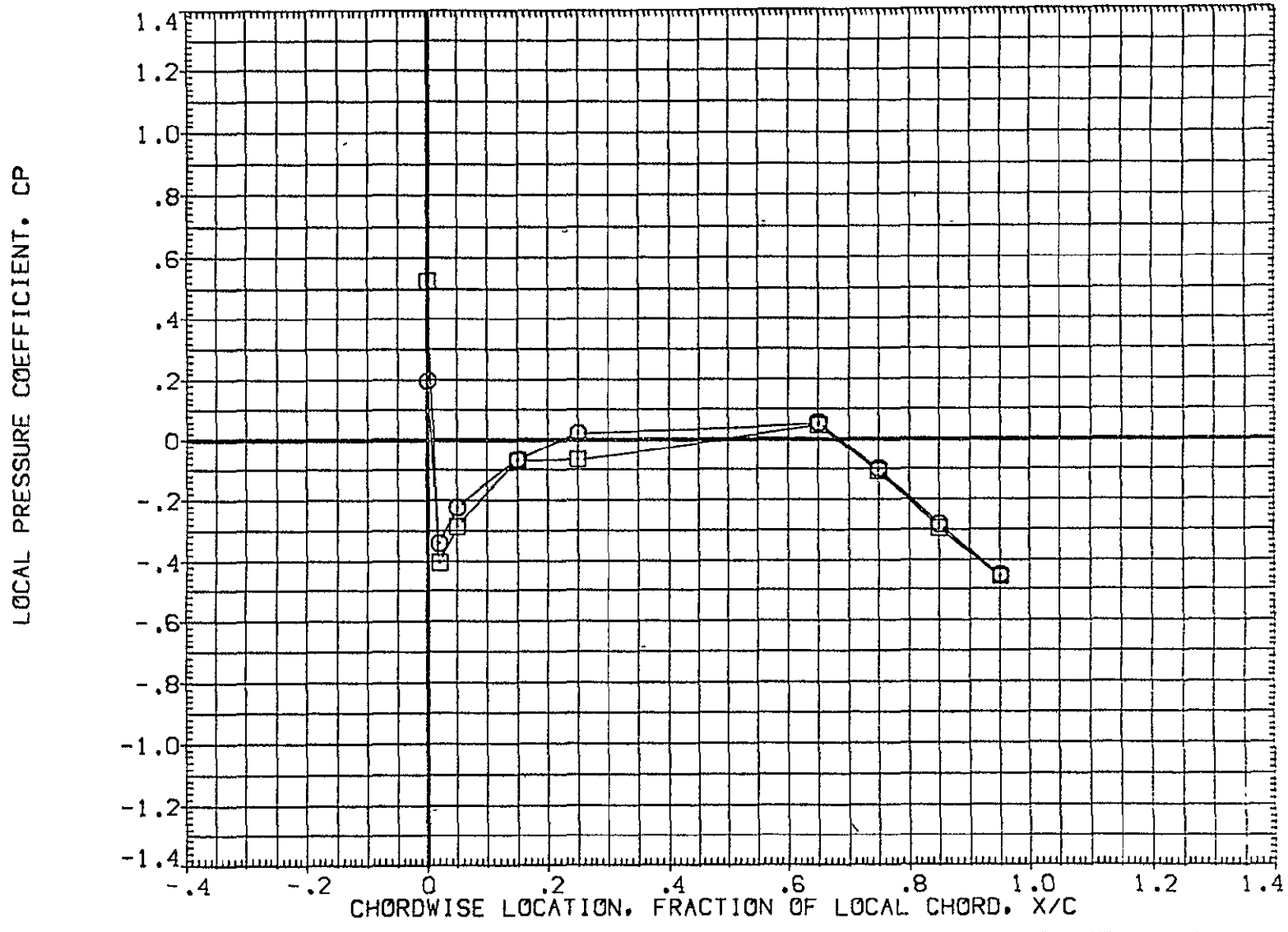

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70 01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

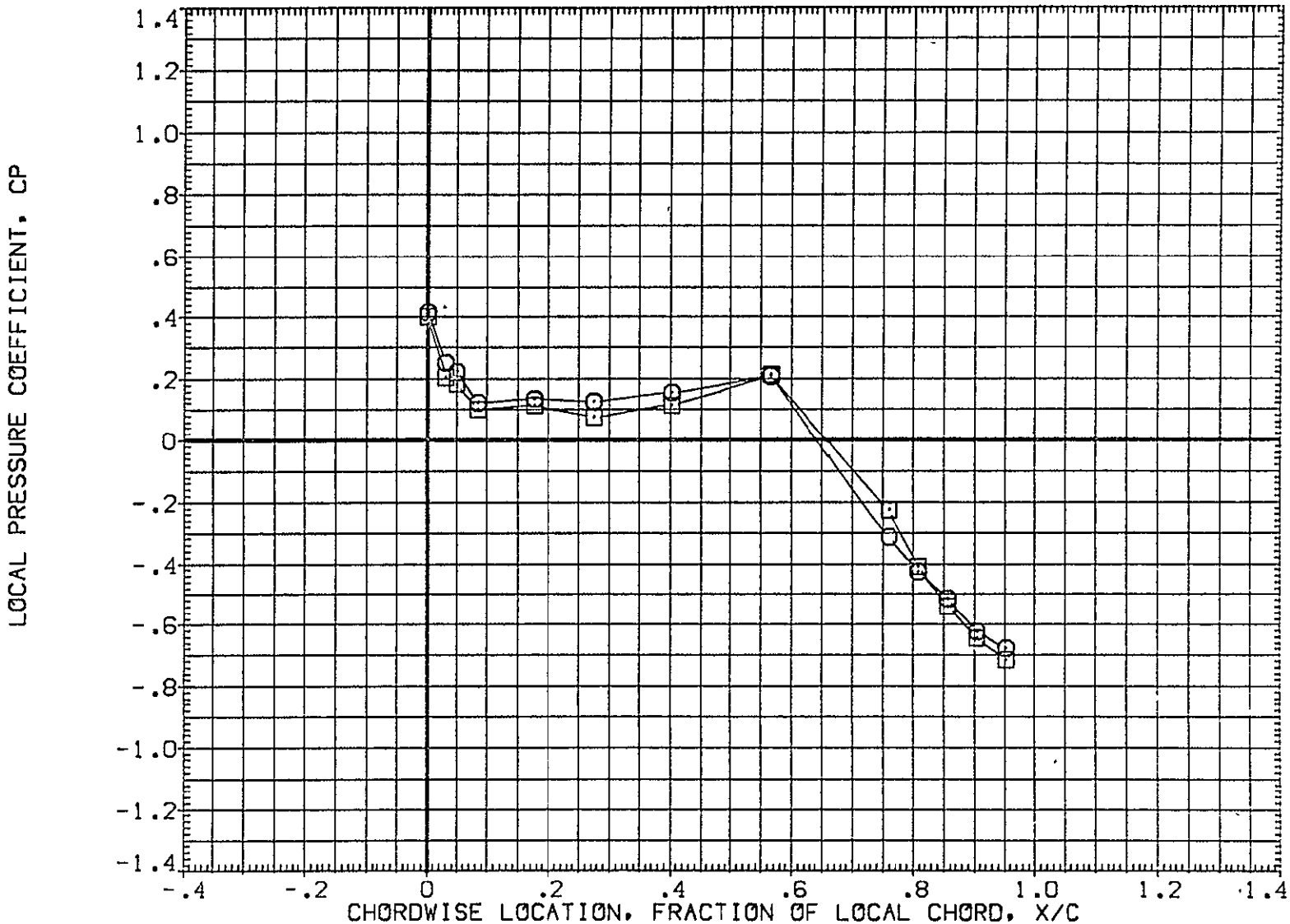

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, .0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

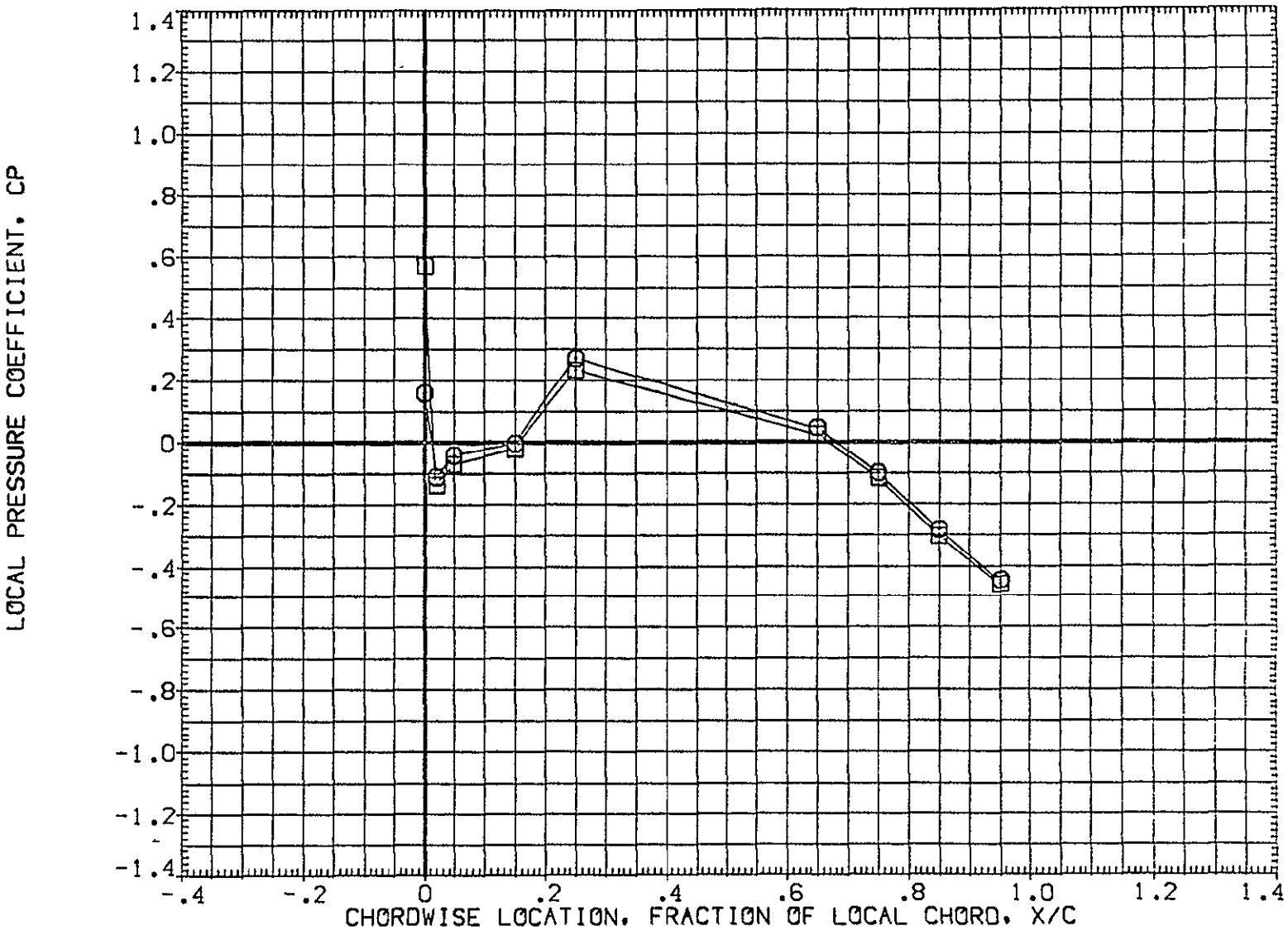

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	!A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	!A70 01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

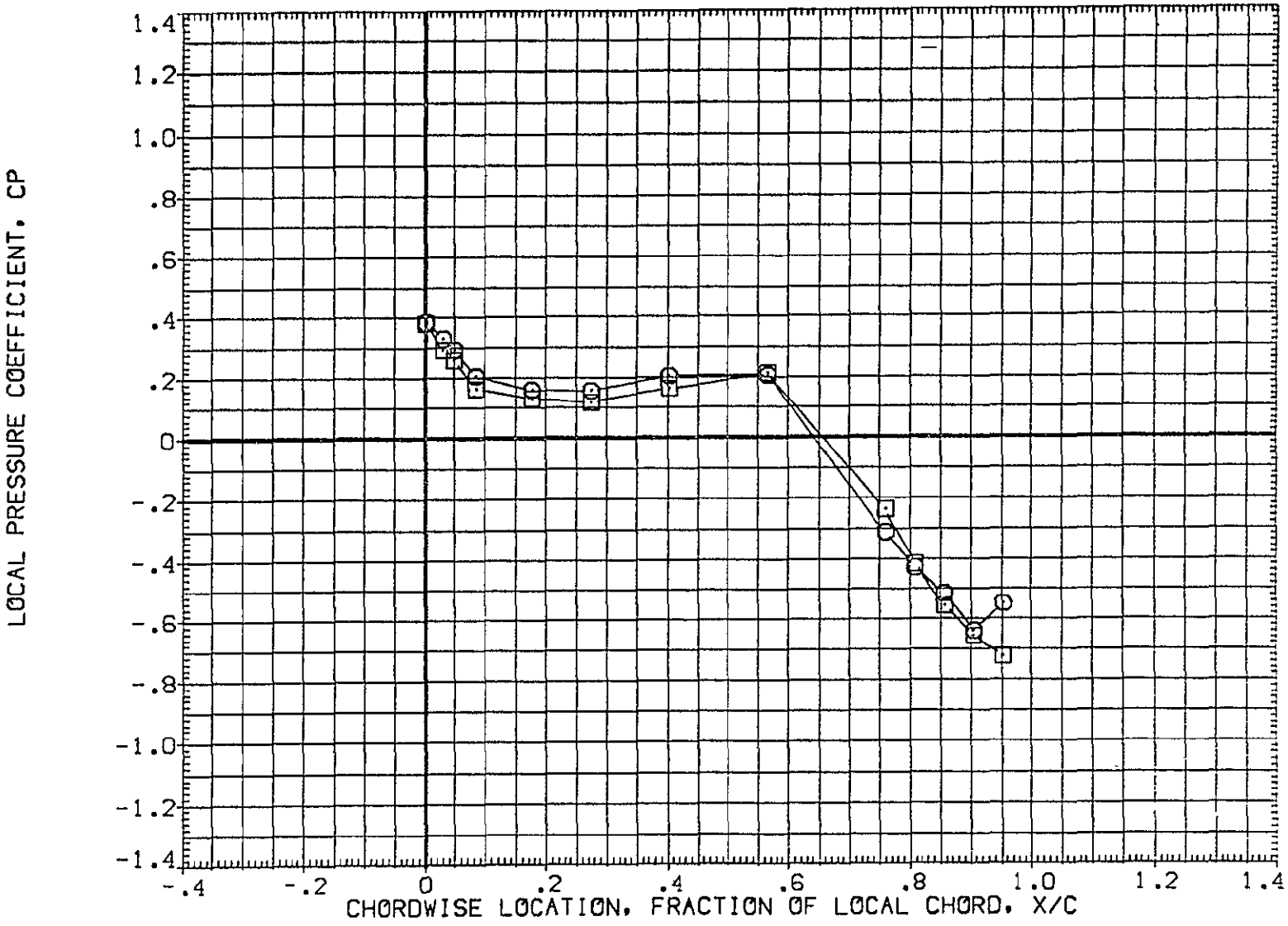

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67) □	1A70 01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

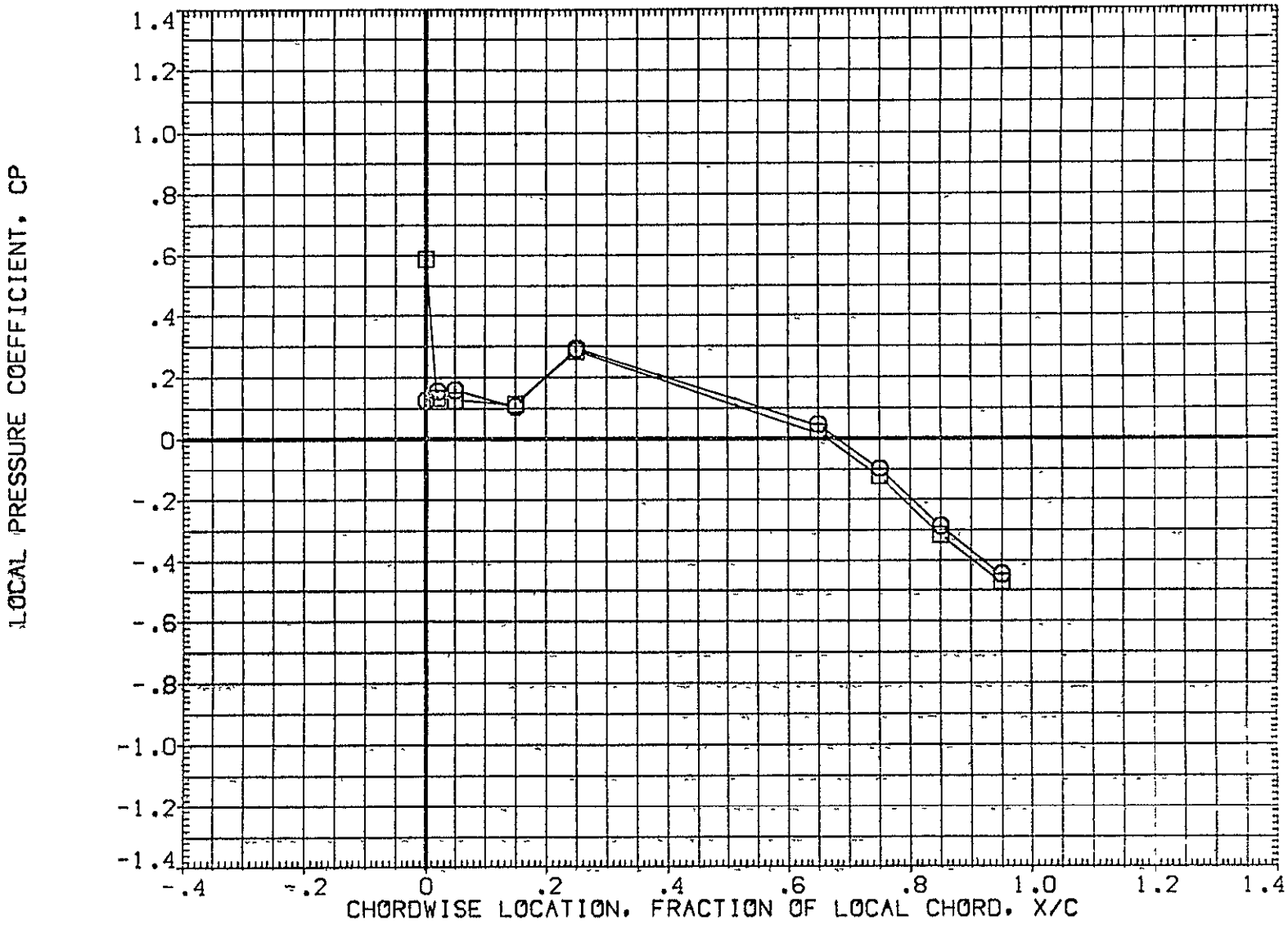

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	1A70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

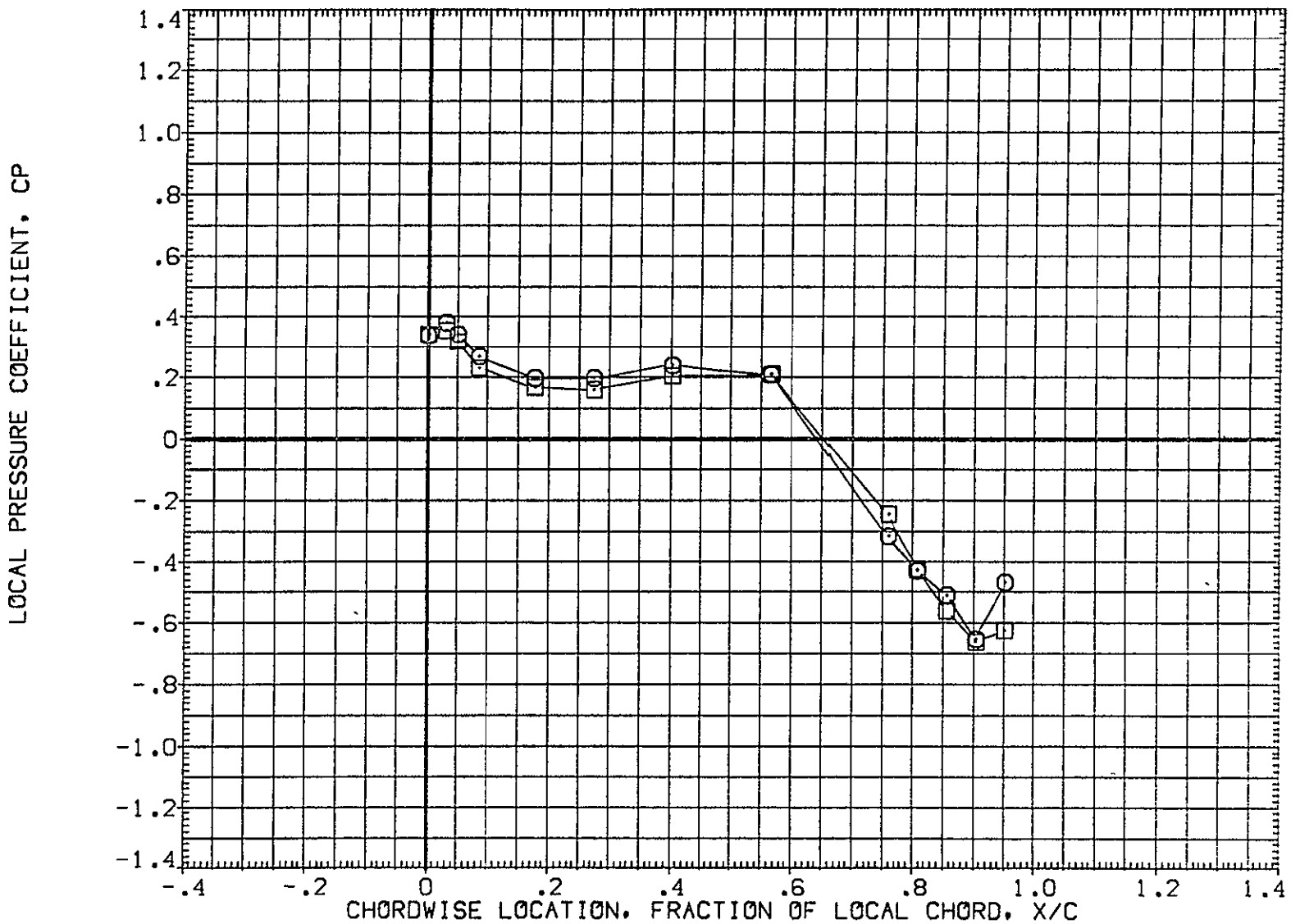

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

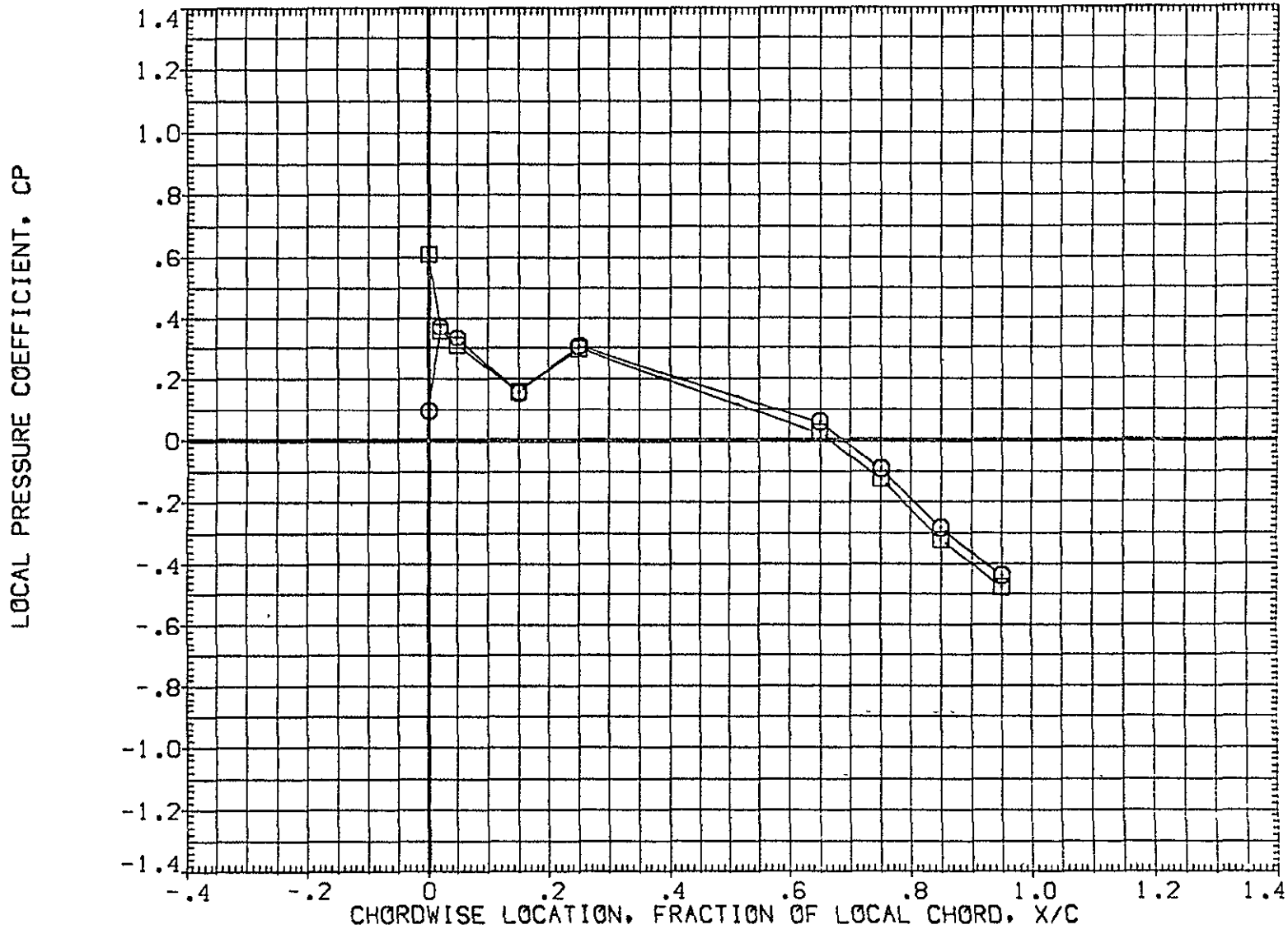

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	□	IA70	01 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

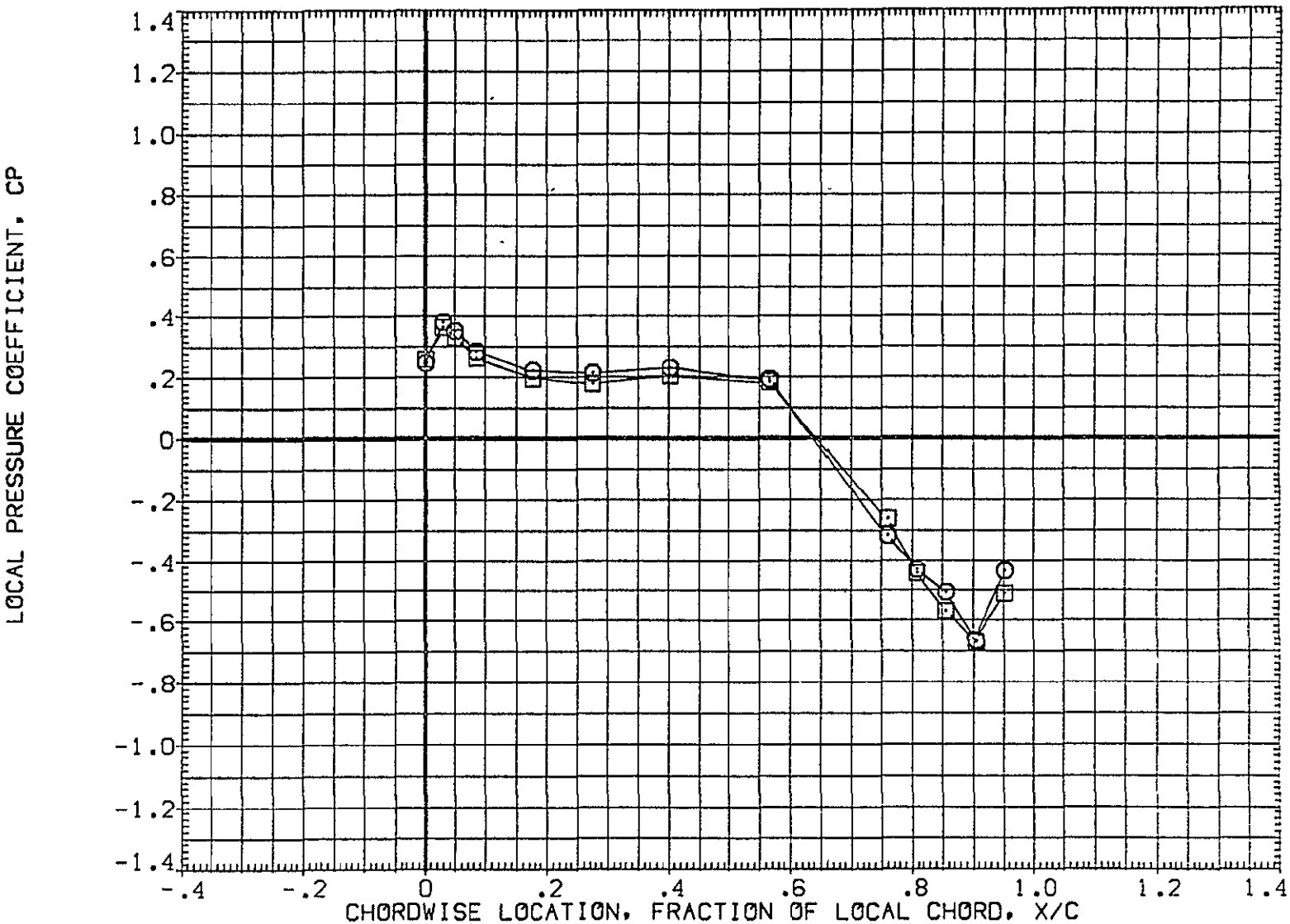

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	○	IA70	Ø1 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
[AF7L67]	□	IA70	Ø1 T12 S1 P2 P9	WING LOWER SURFACE	.000	.000	.000	.000

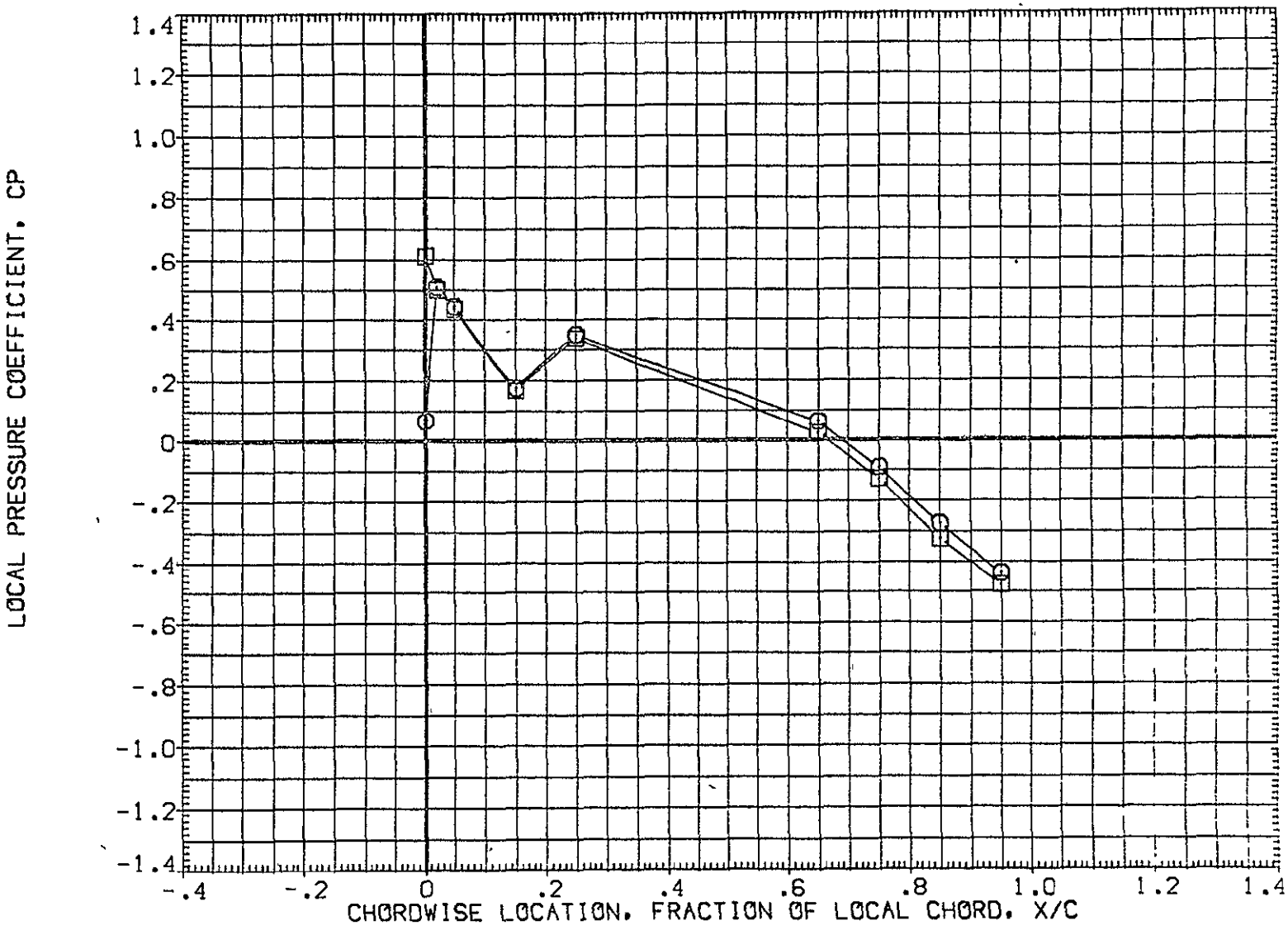

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

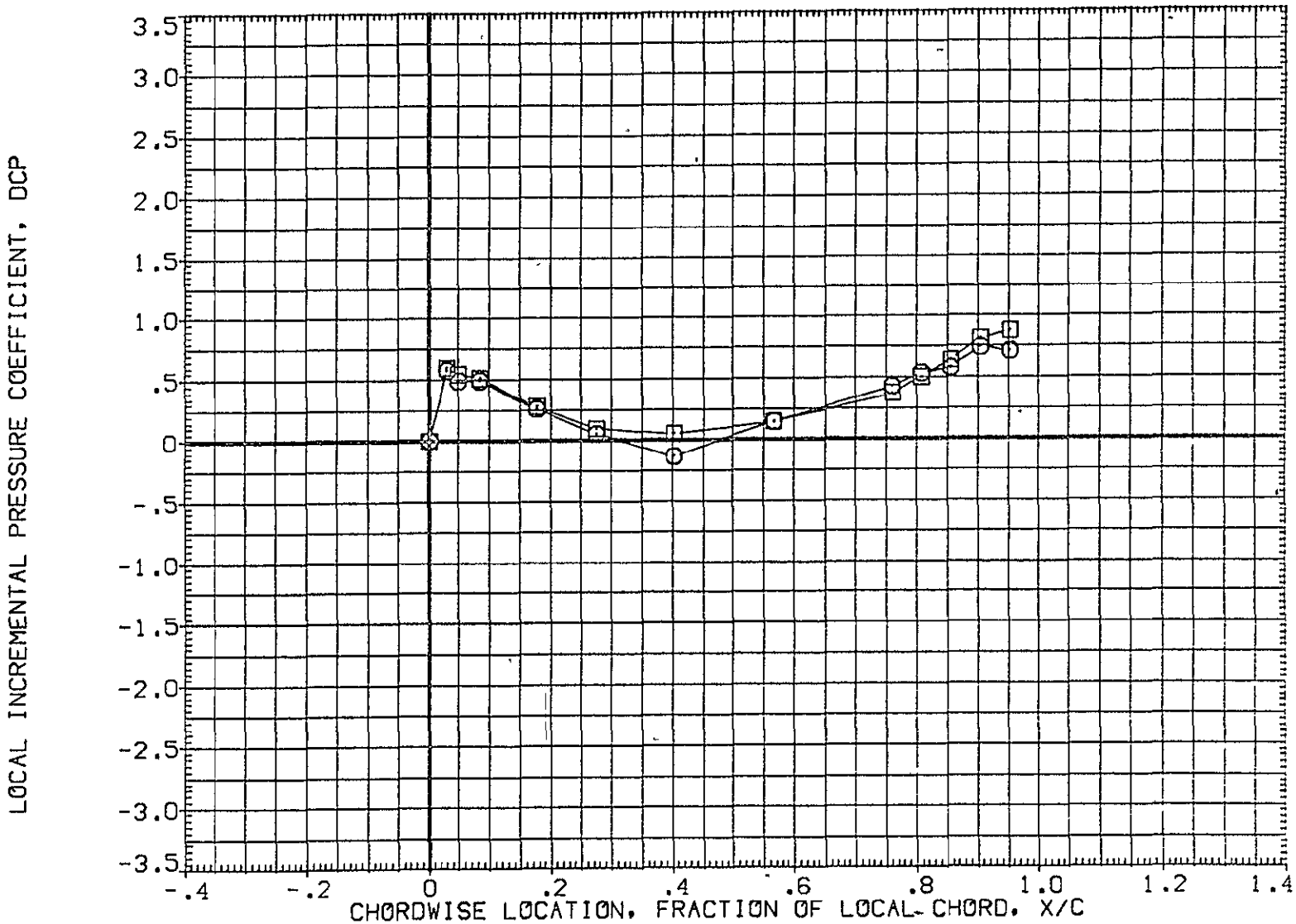

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067) □	1A70	01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	IA70	01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

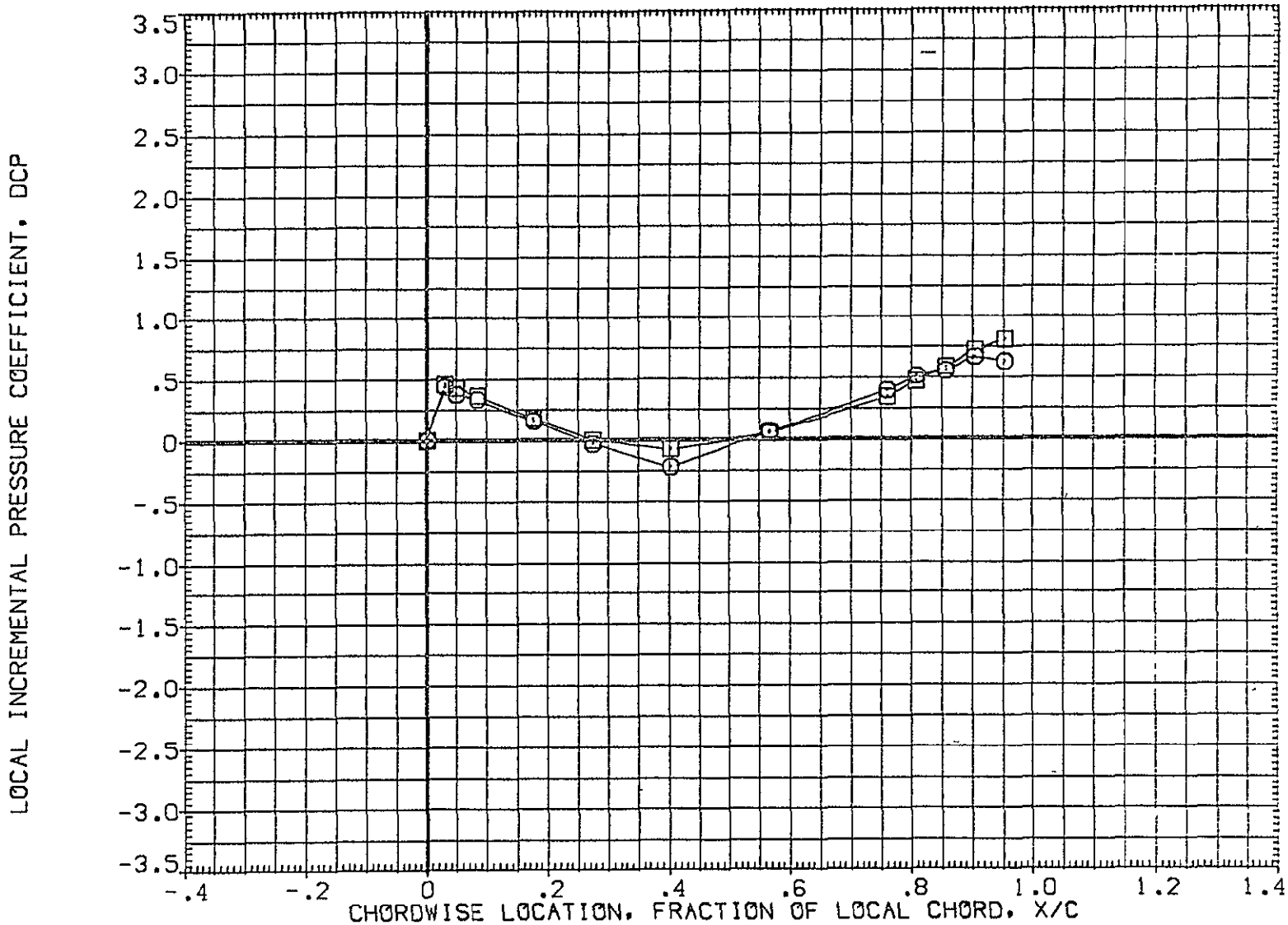

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70	01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

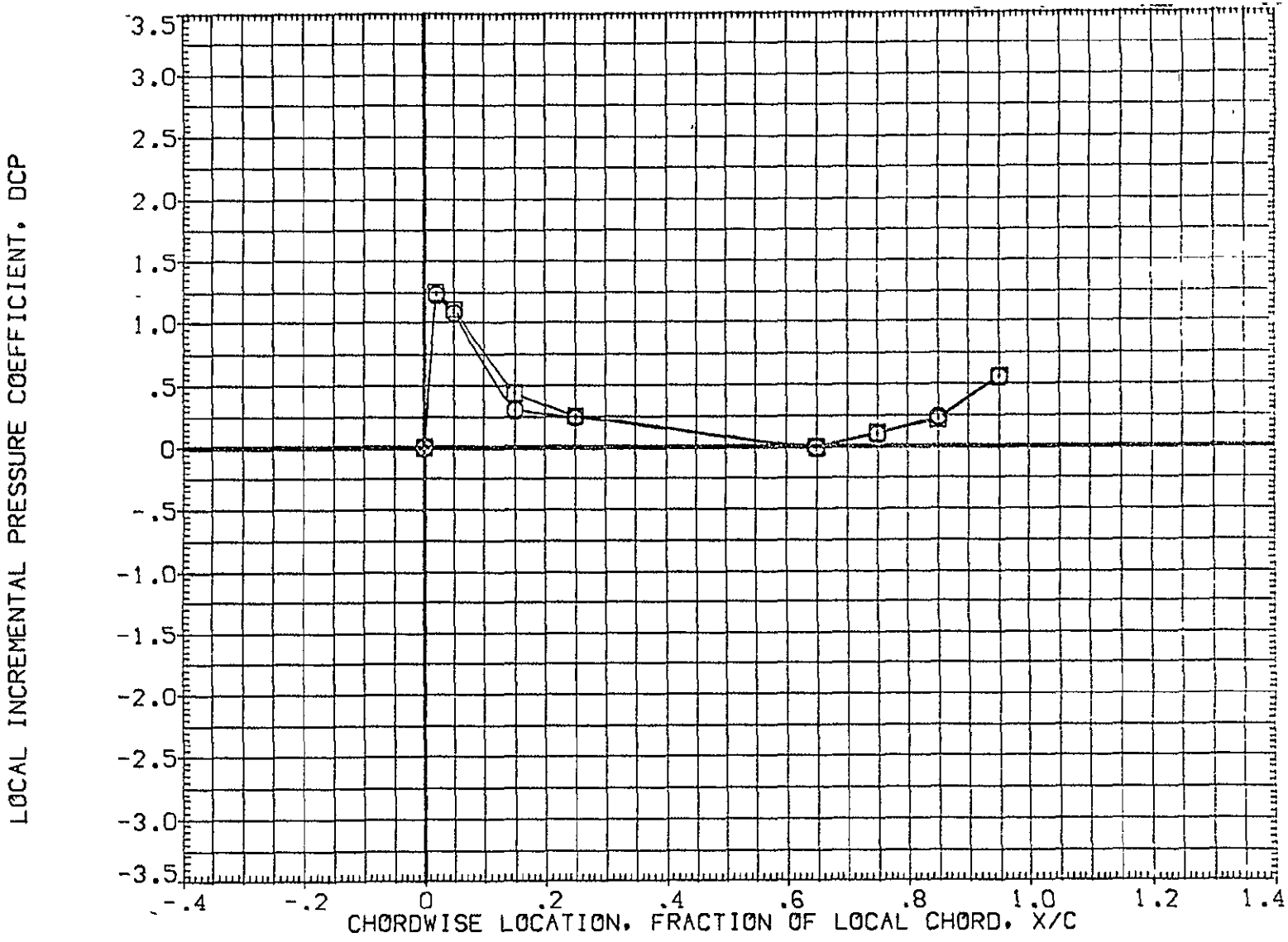

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

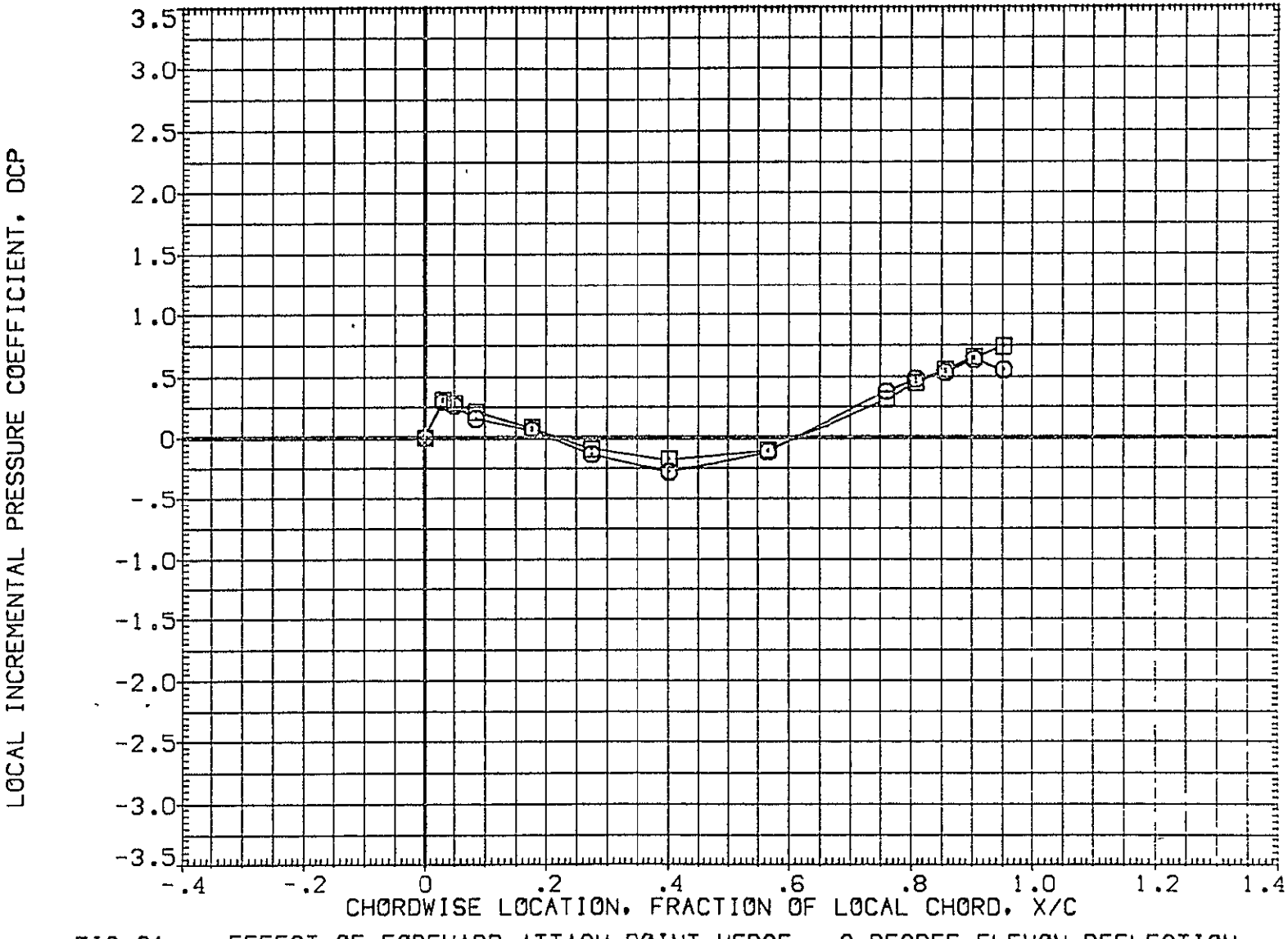

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

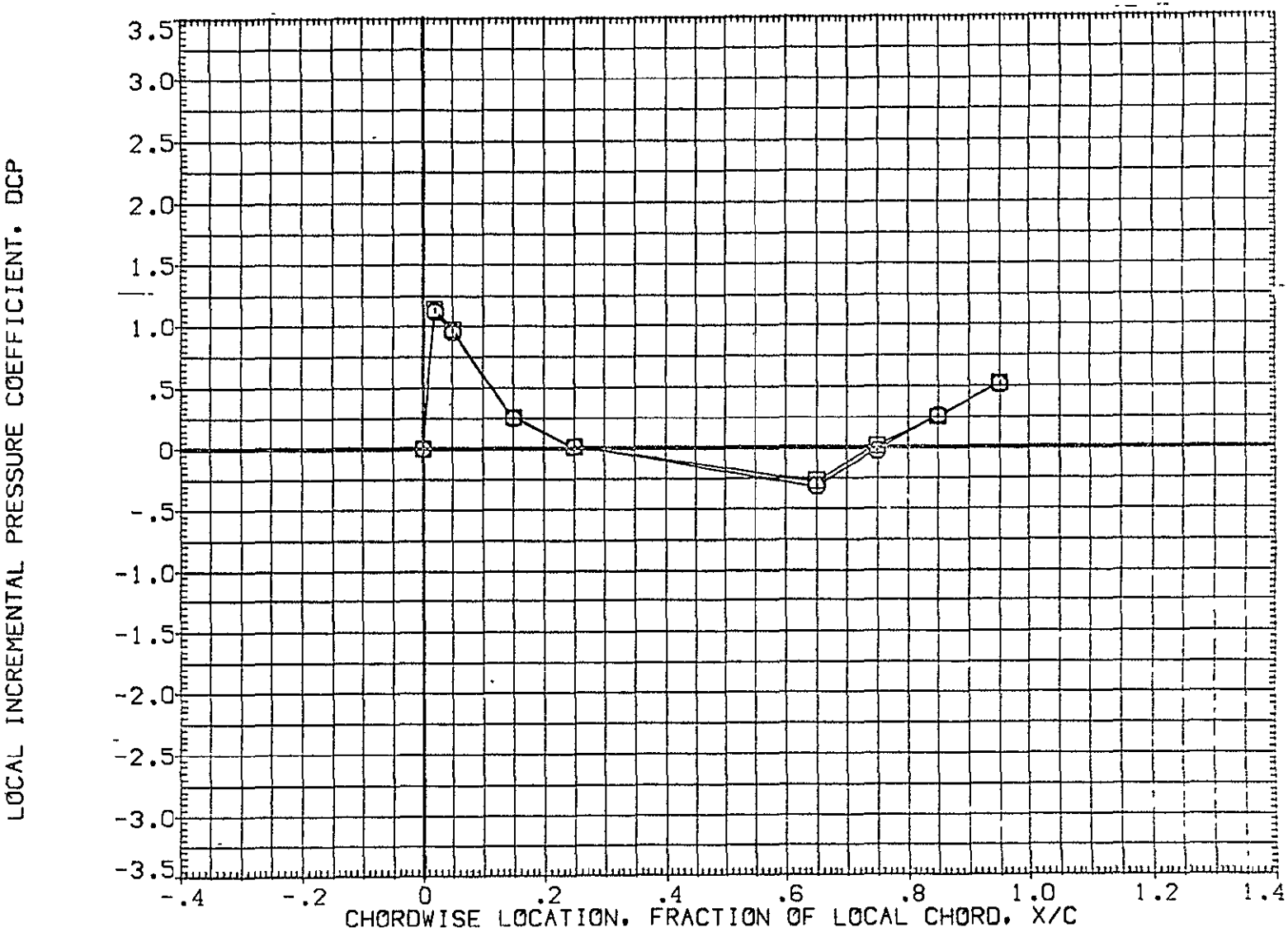

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	IA70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

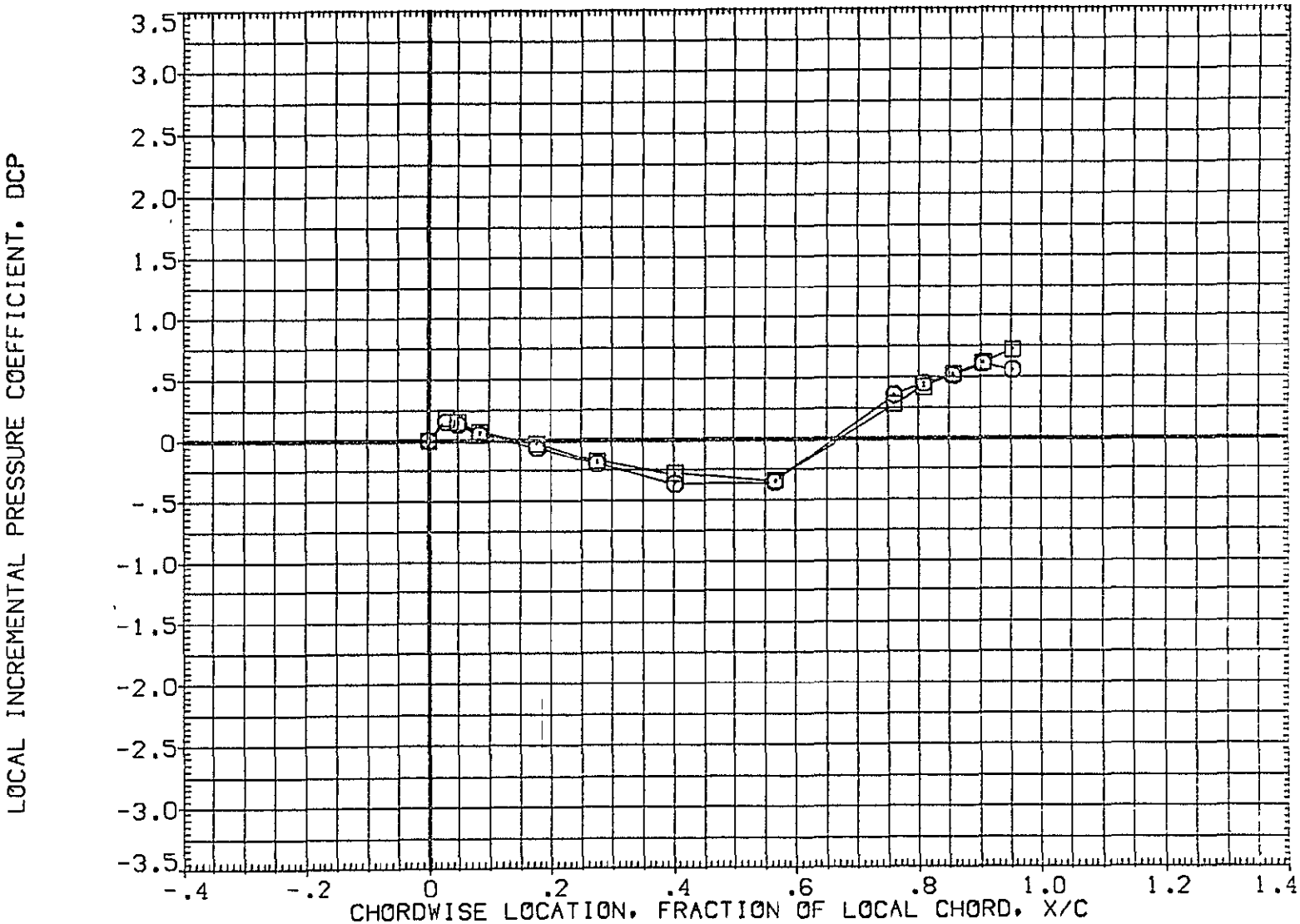

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70	01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

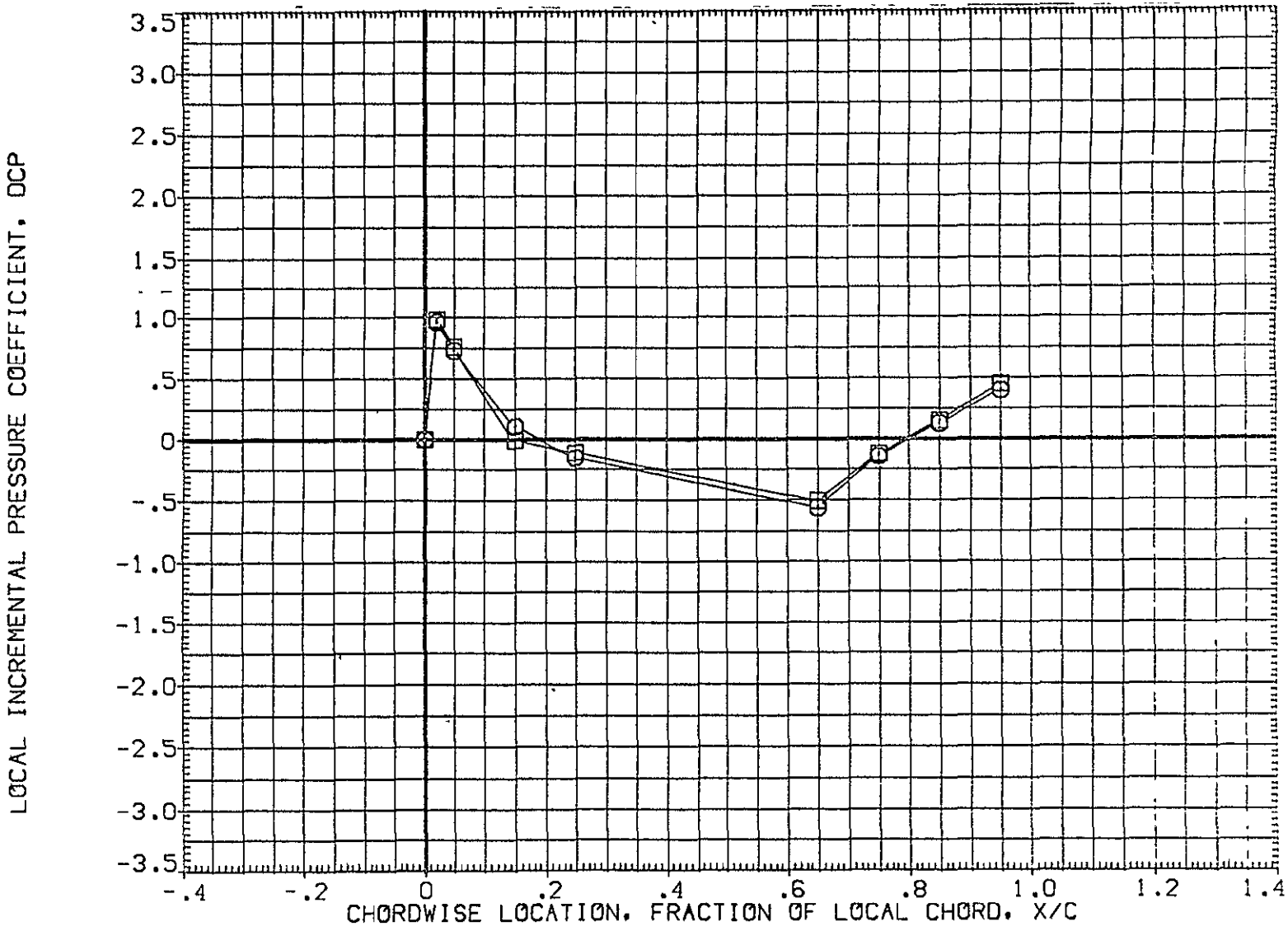

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70	01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70	01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

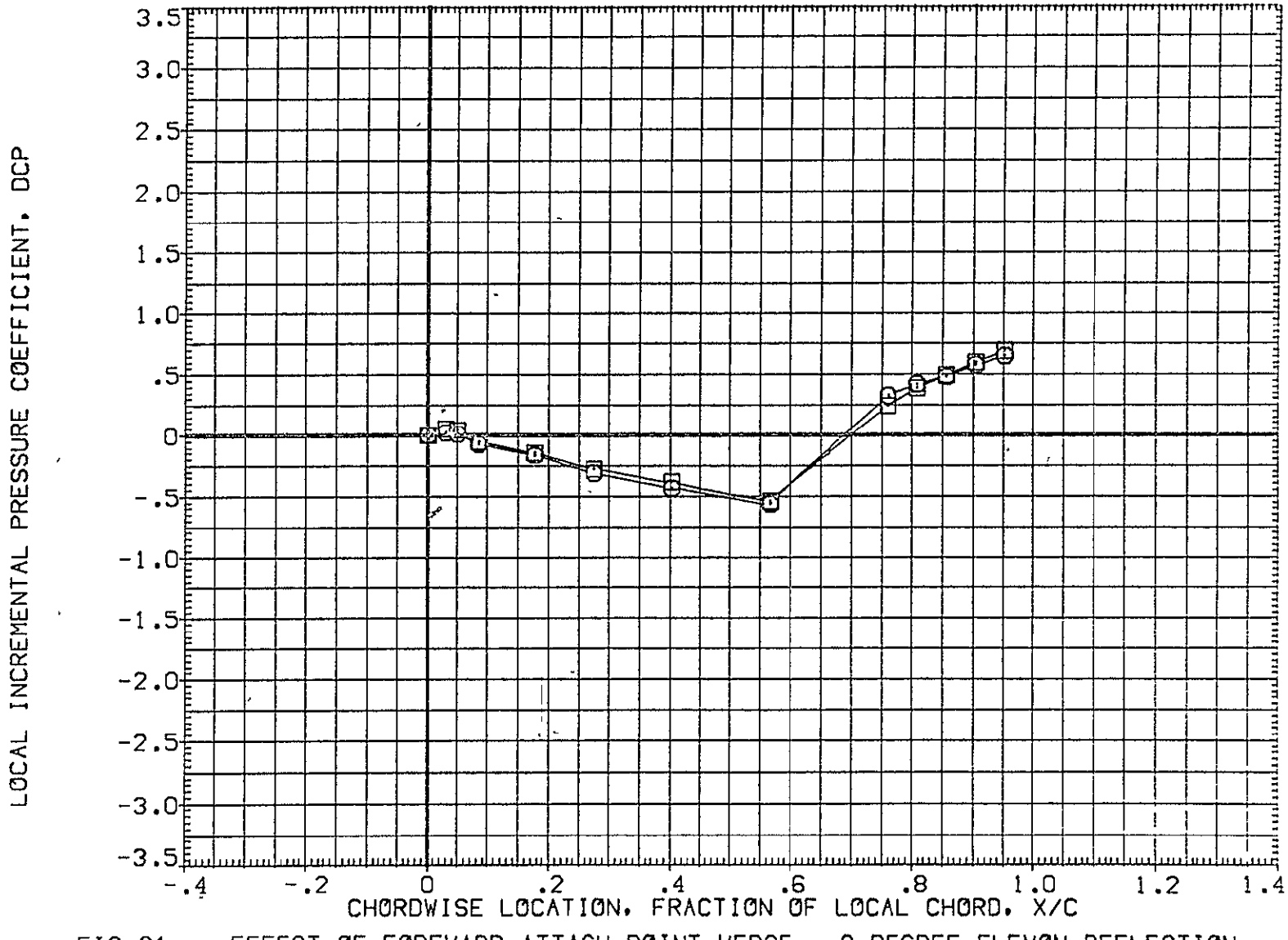

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067) □	IA70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

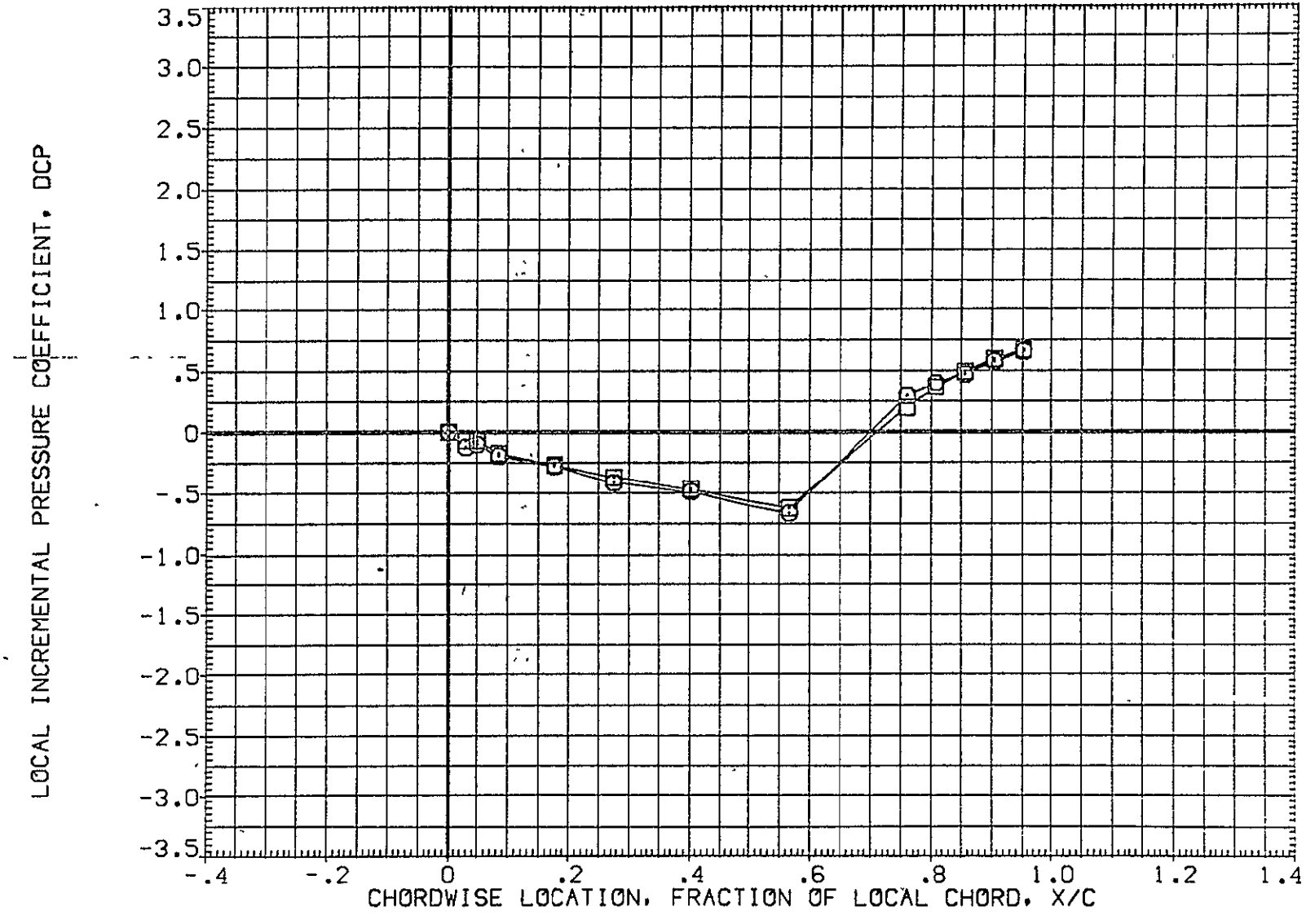

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

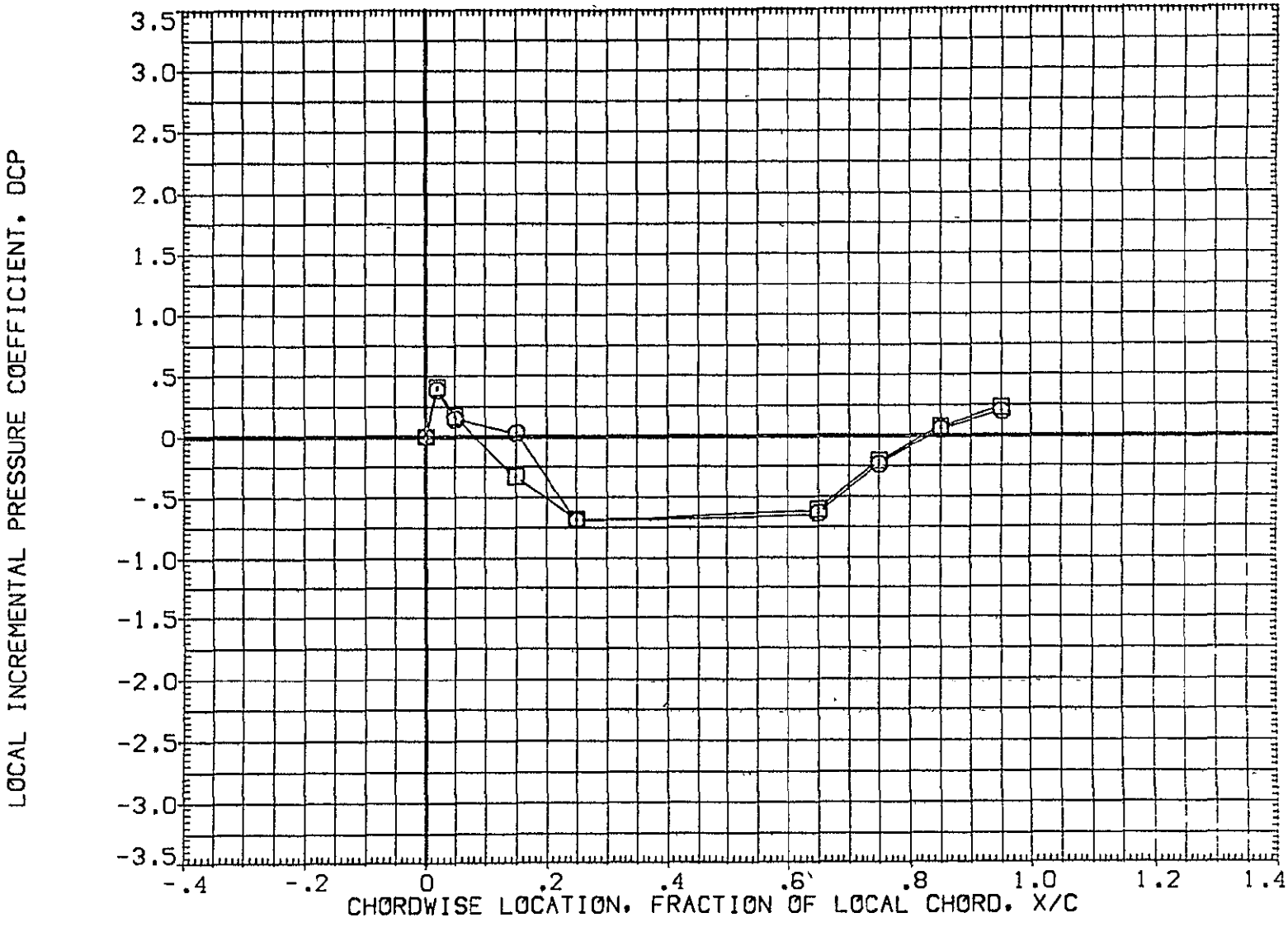

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067) □	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

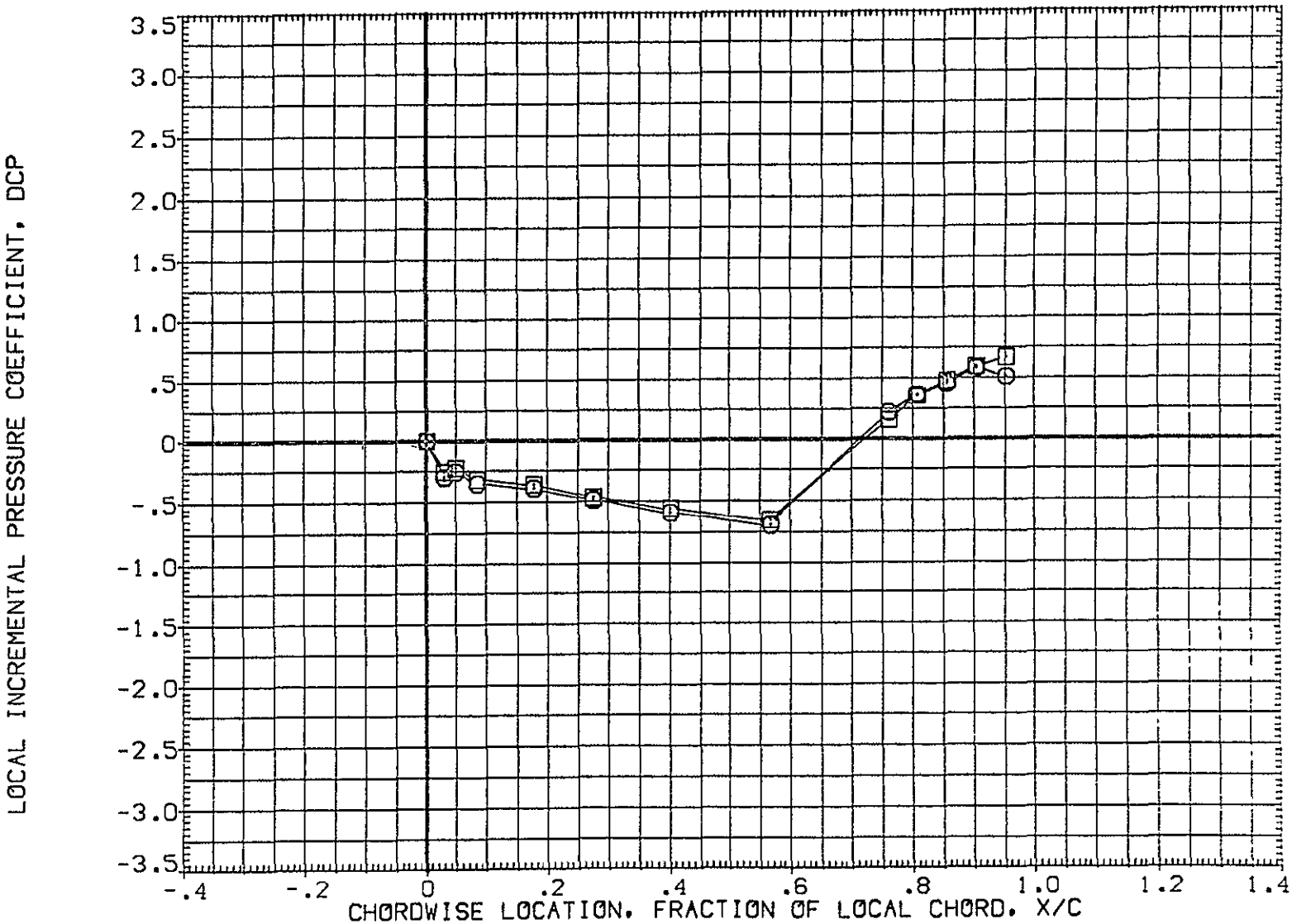

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067) □	1A70 01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

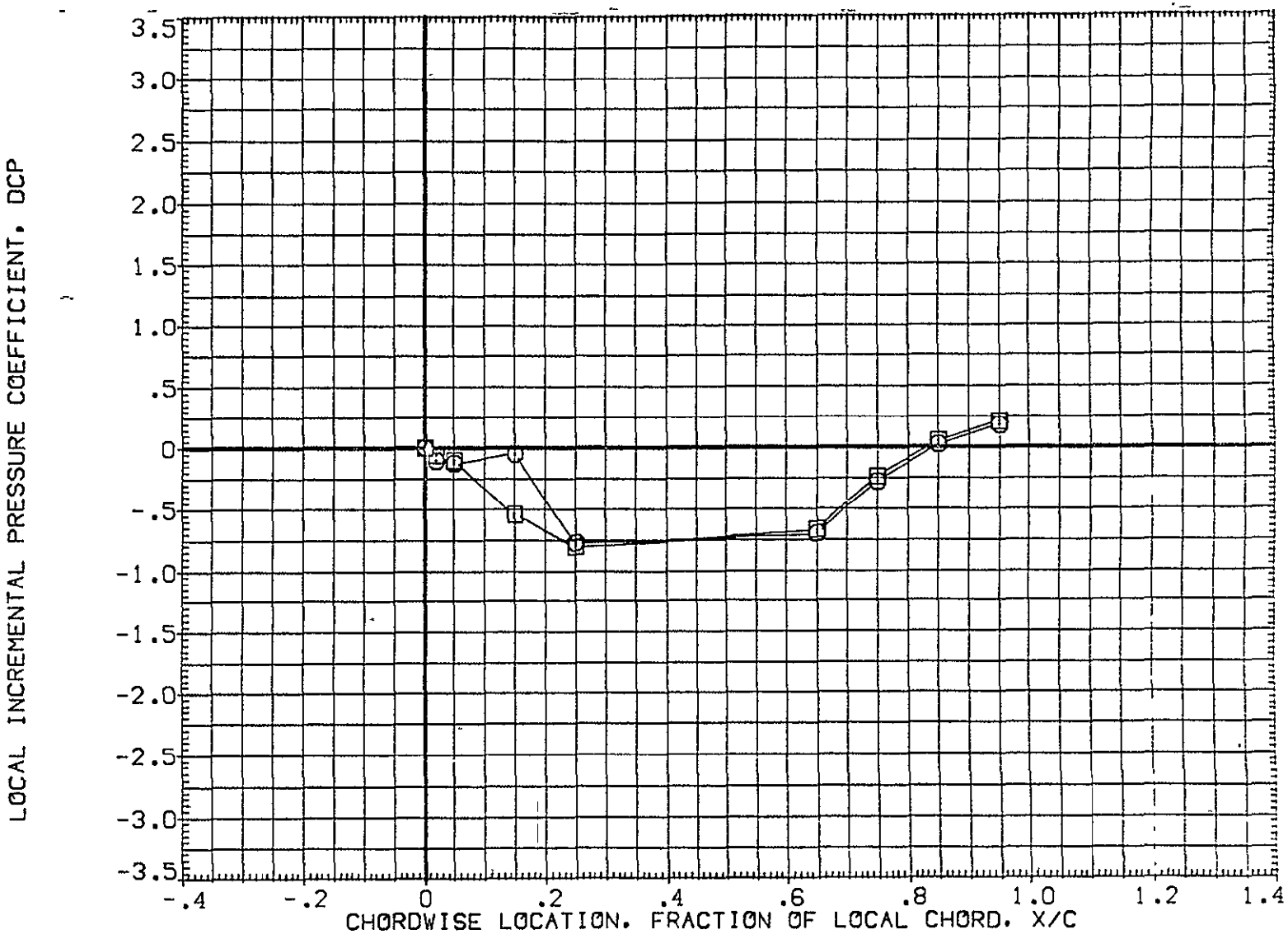

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70	01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70	01 T12 S1 P2 P9 WING (UPPER - LOWER)	.000	.000	.000	.000

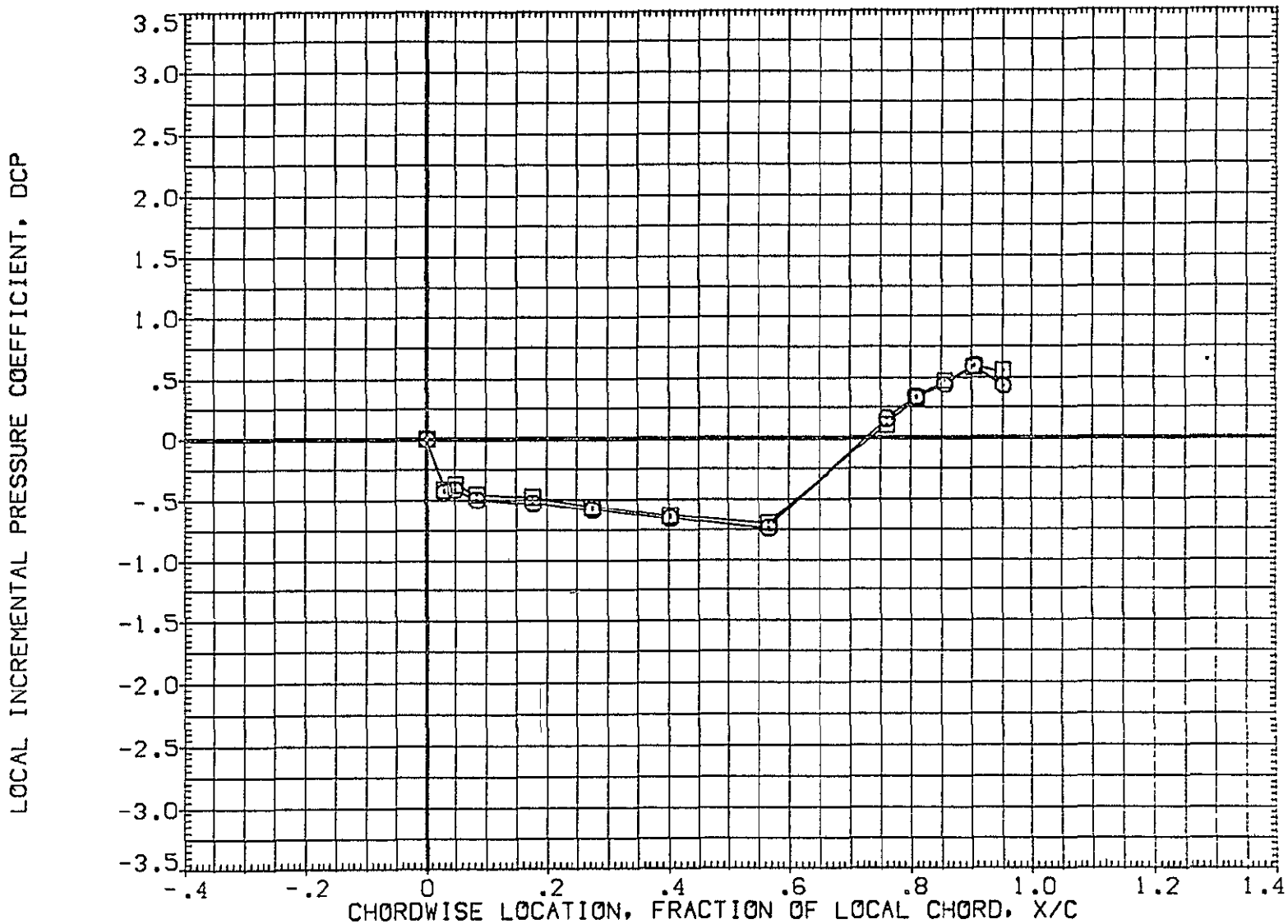

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

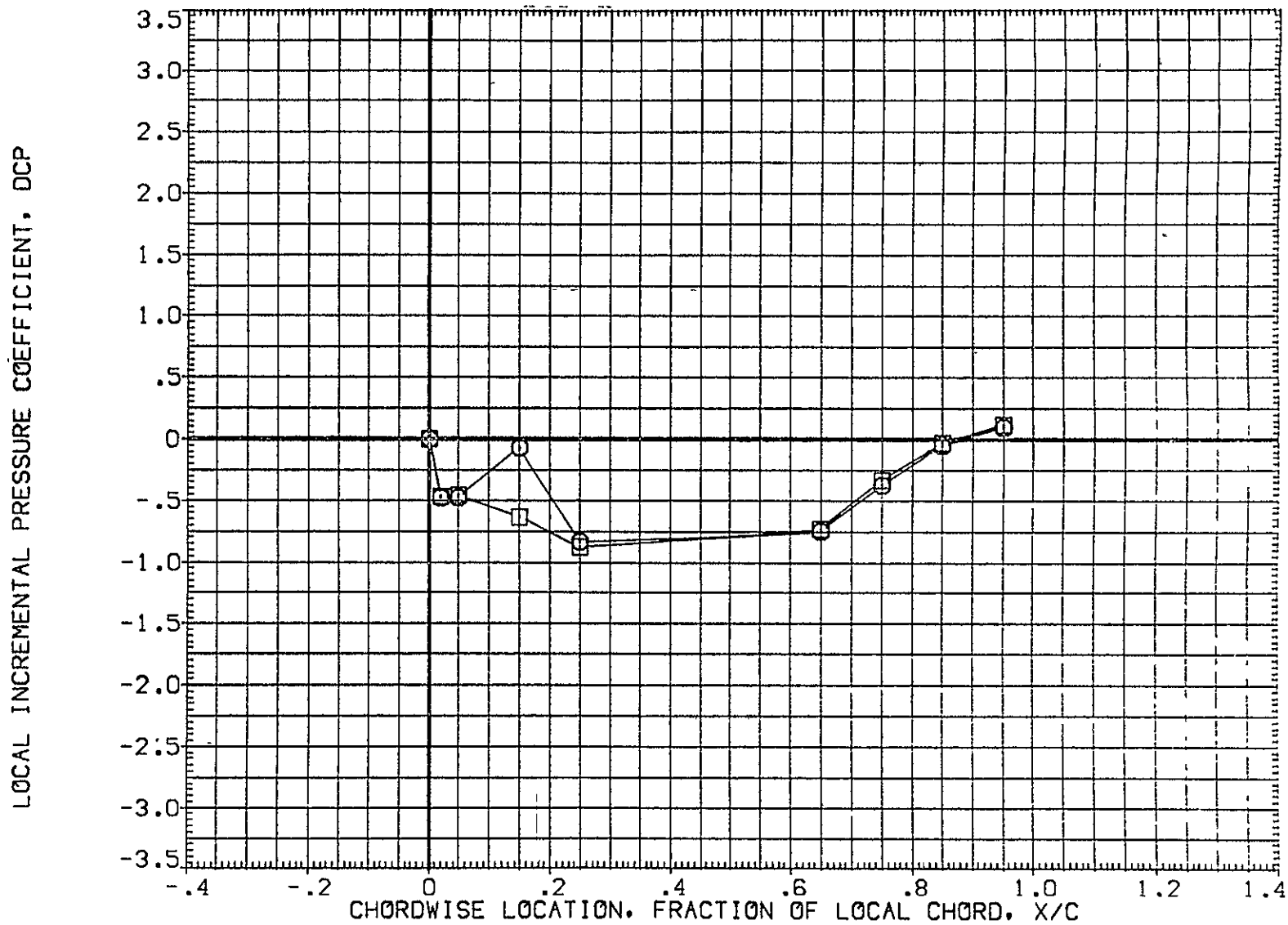

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	1A70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

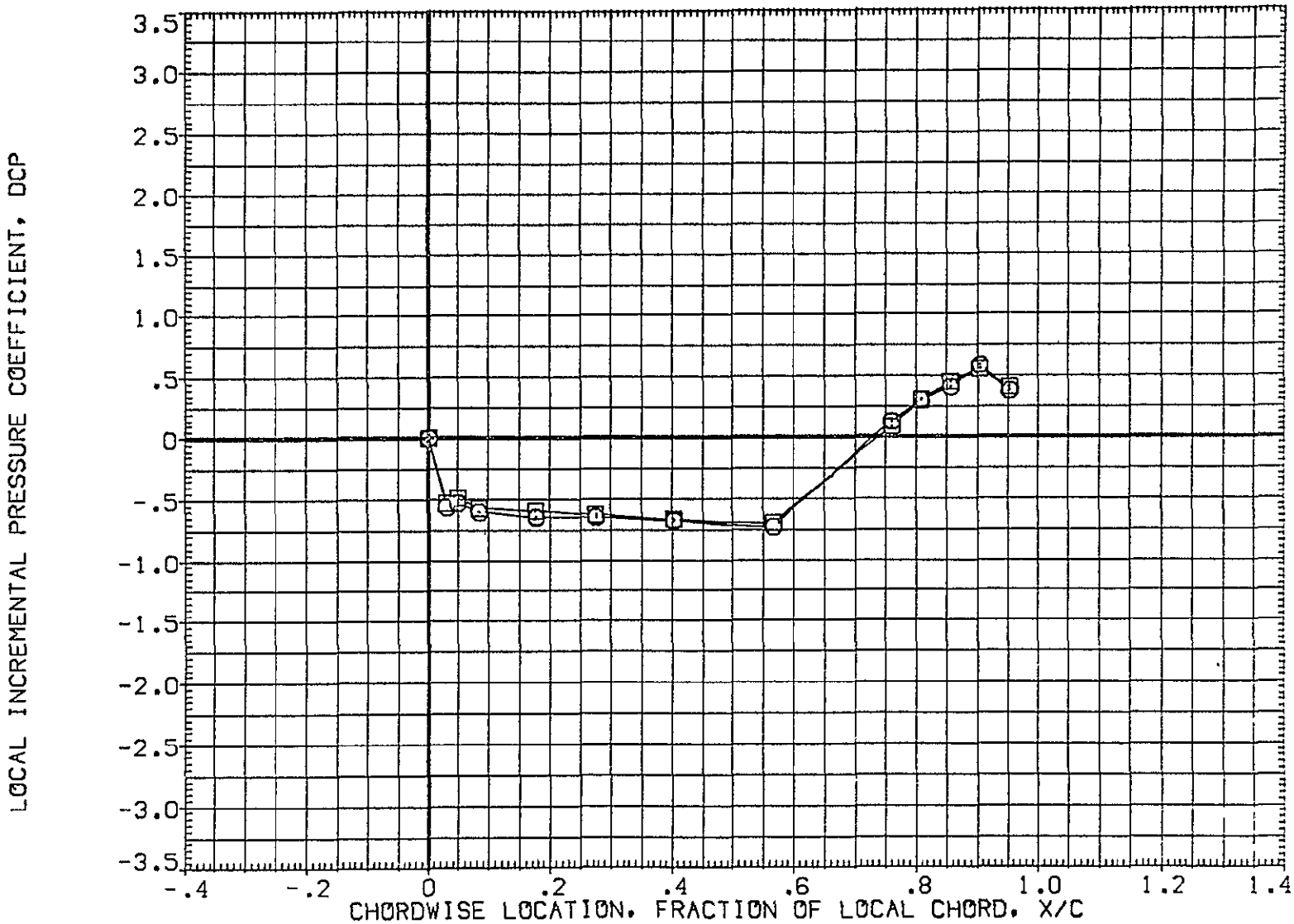

FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7067)	□	IA70 01 T12 S1 P2 P9	WING (UPPER - LOWER)	.000	.000	.000	.000

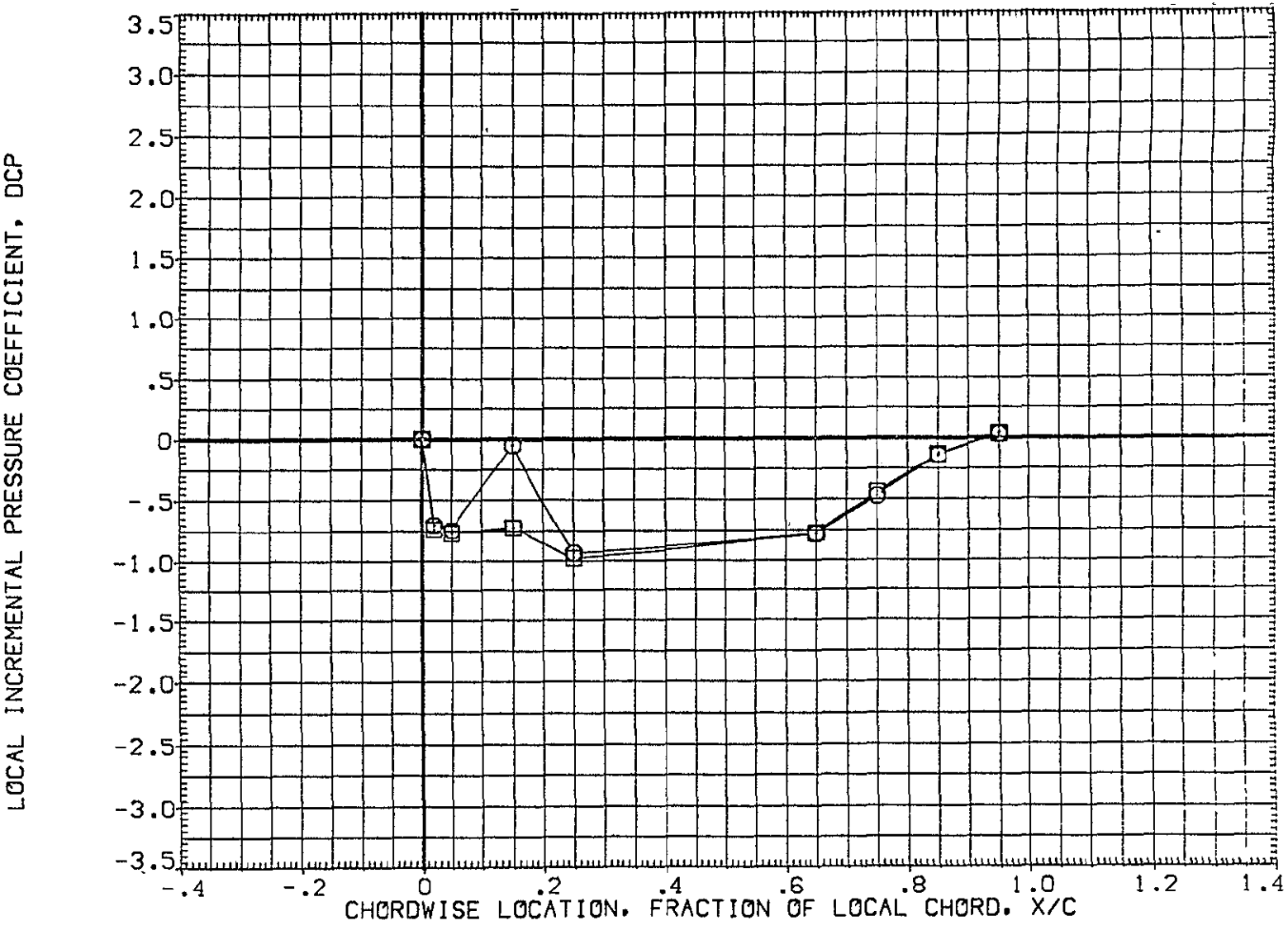

FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

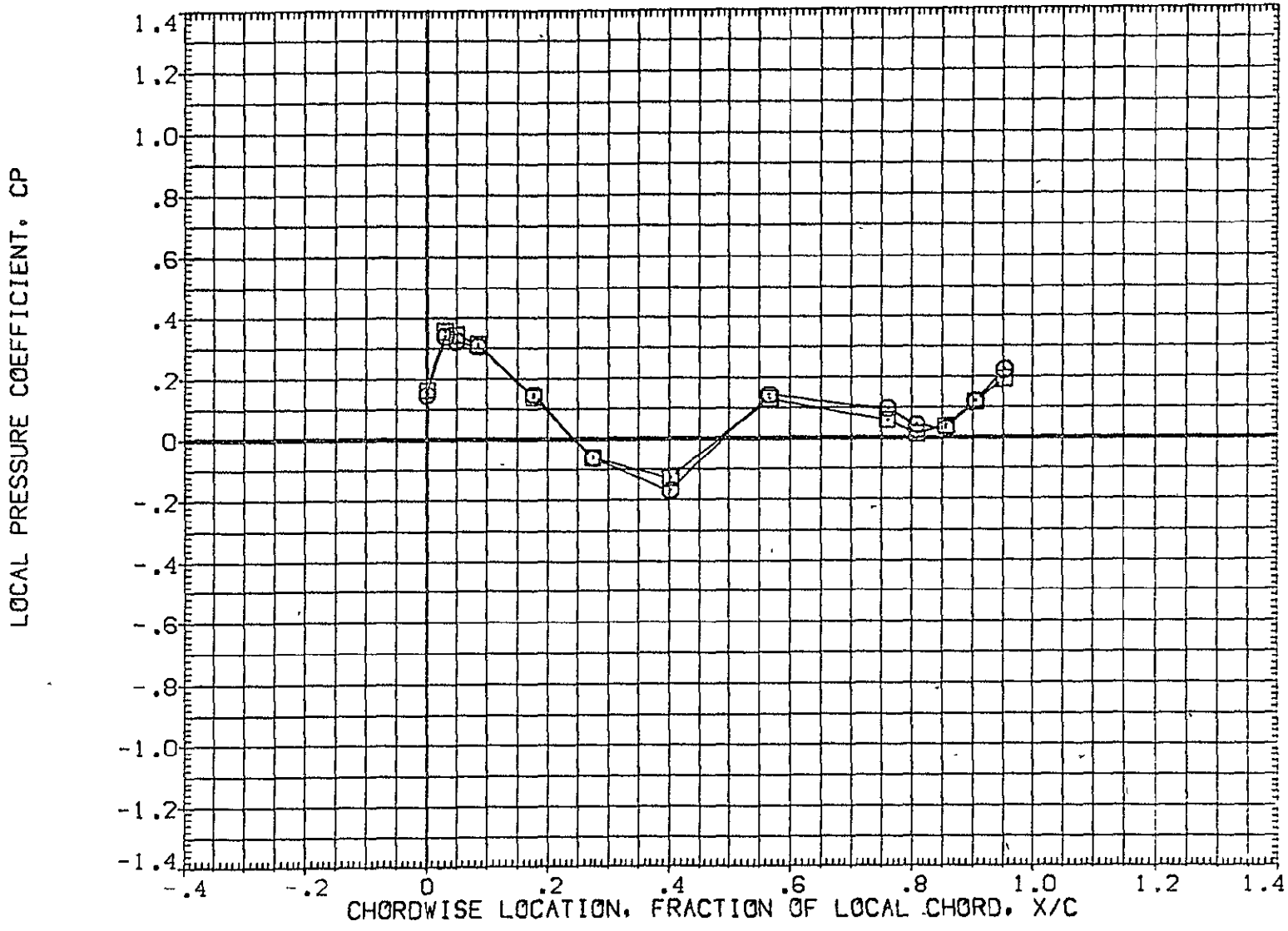

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

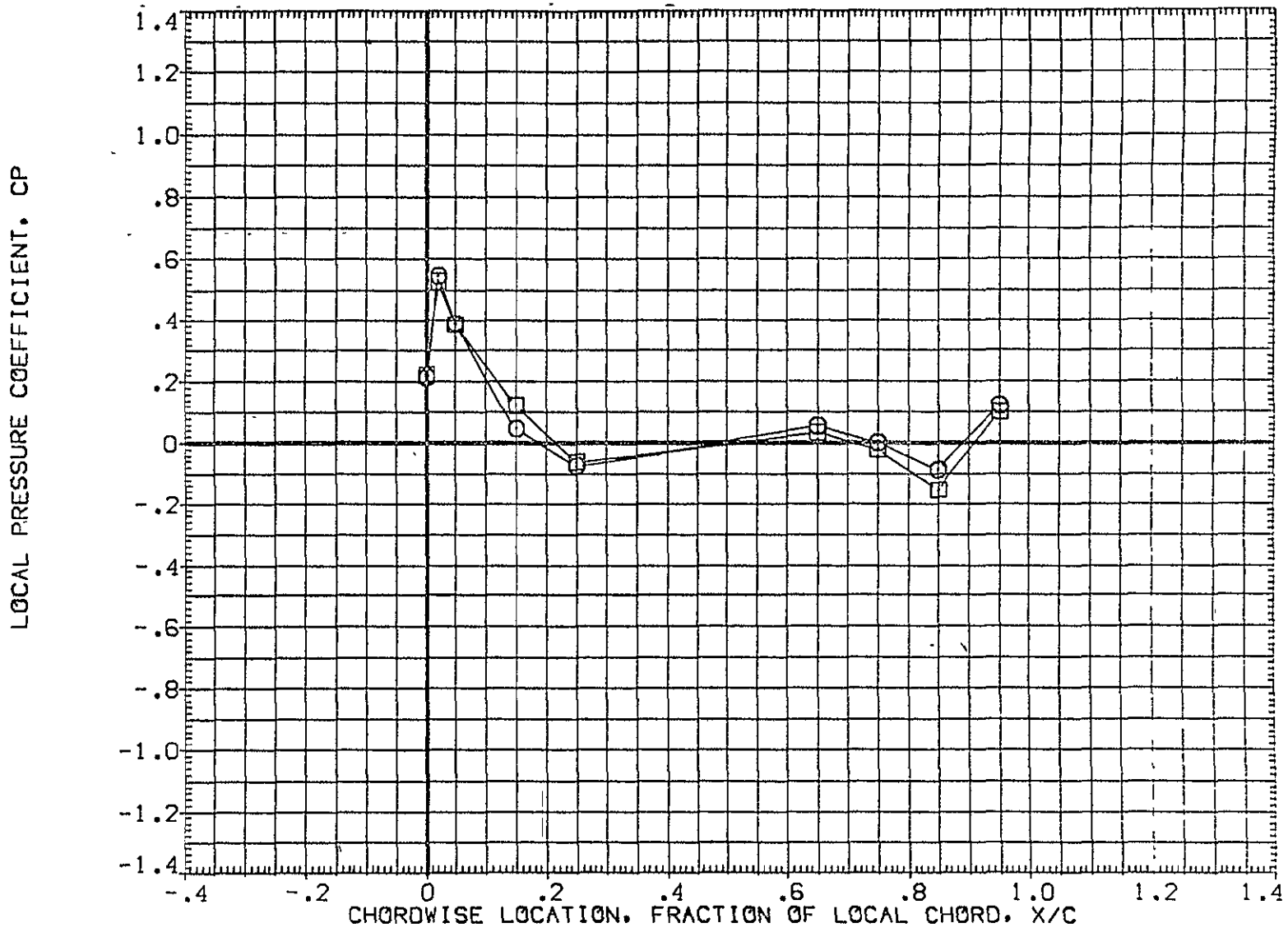

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

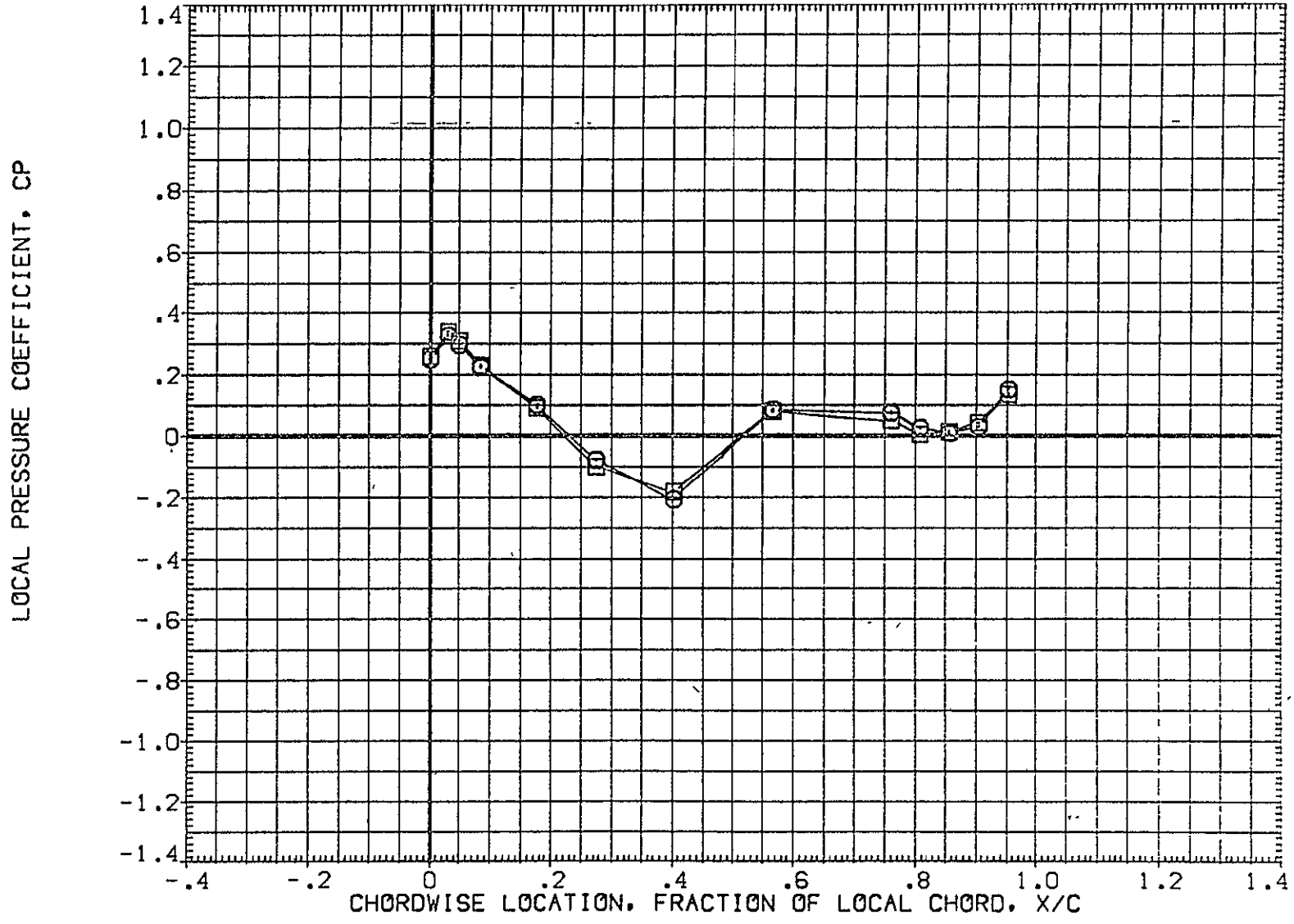

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
[AF7U68]	□	IA70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

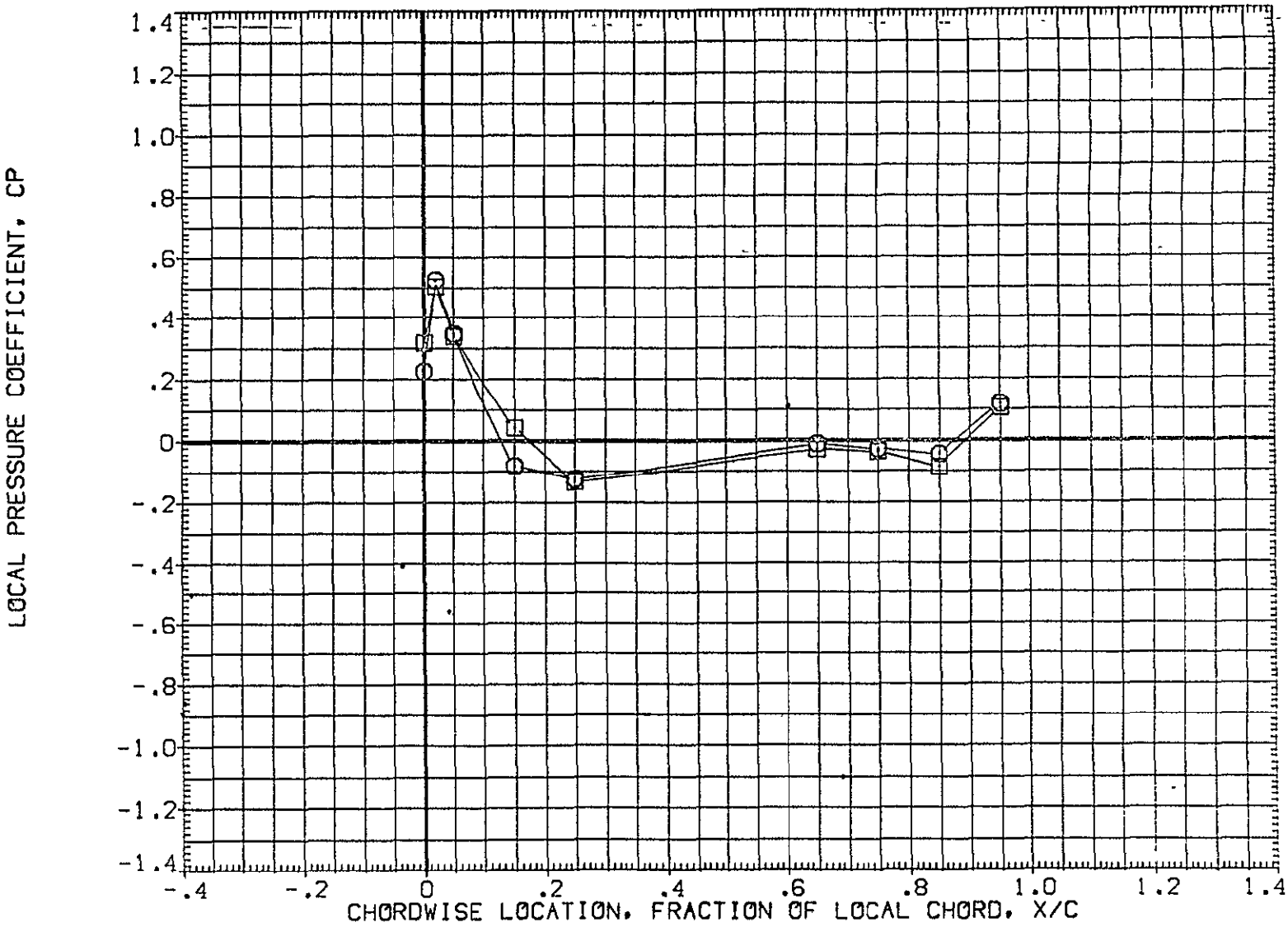

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

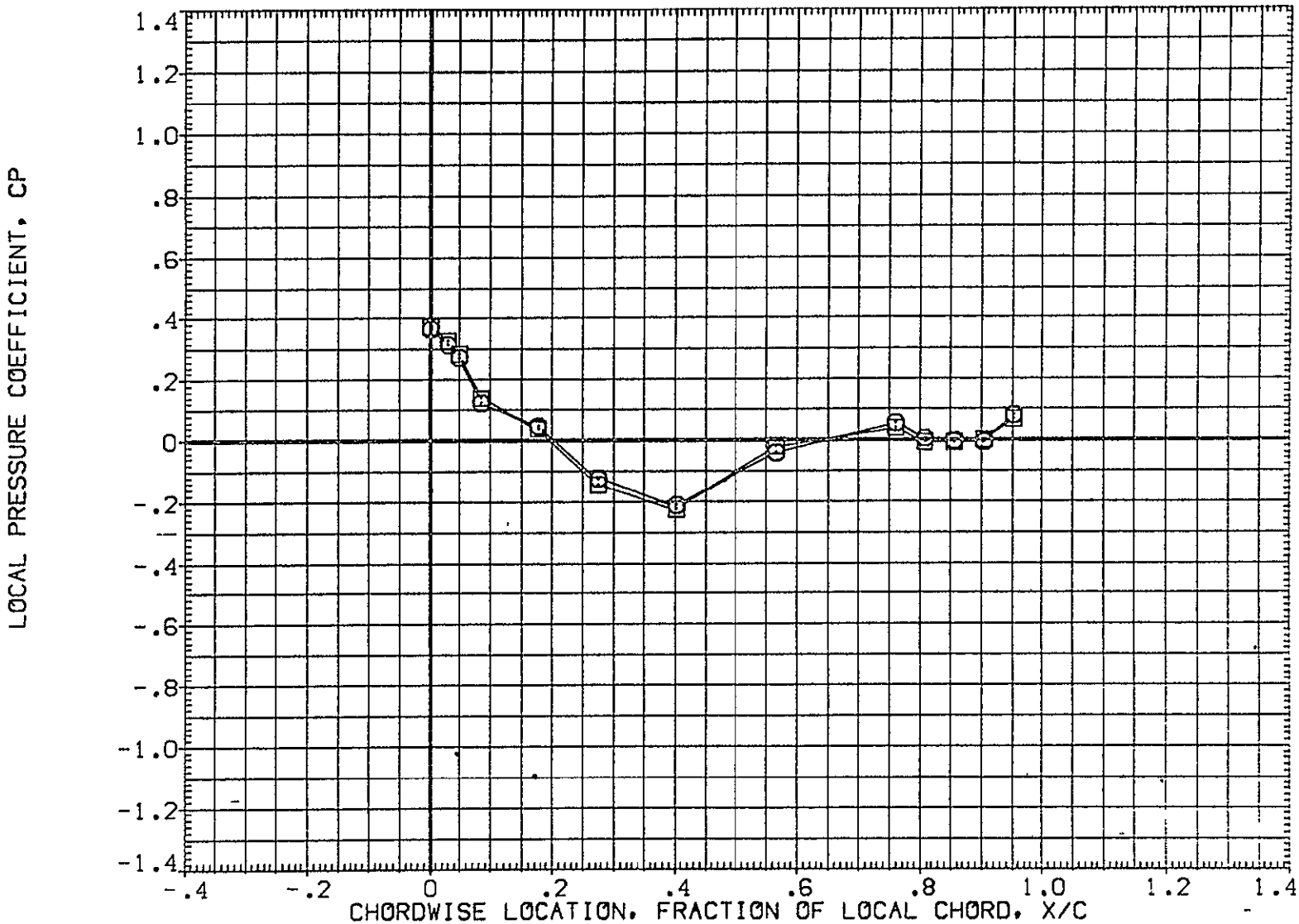

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

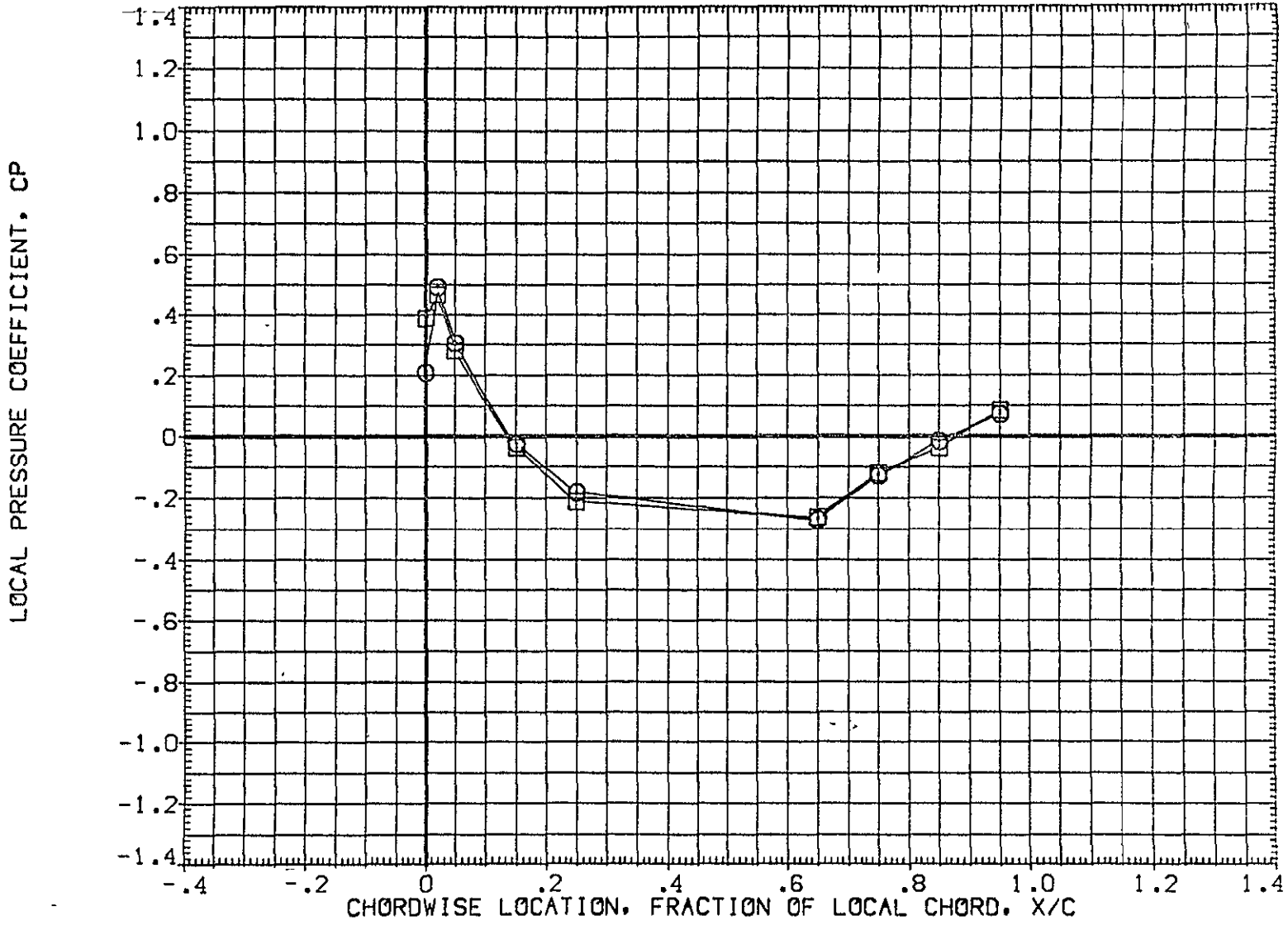

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

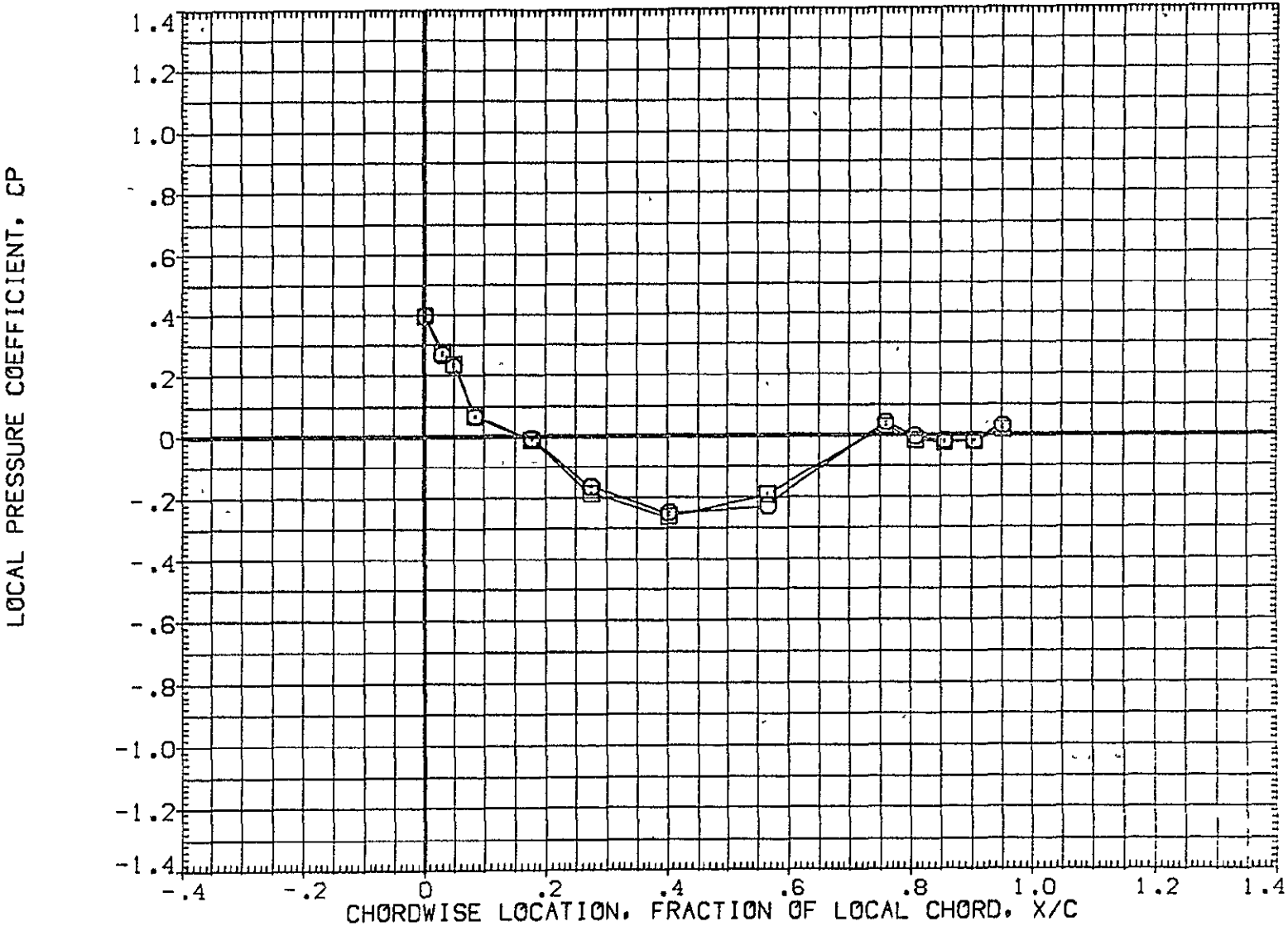

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

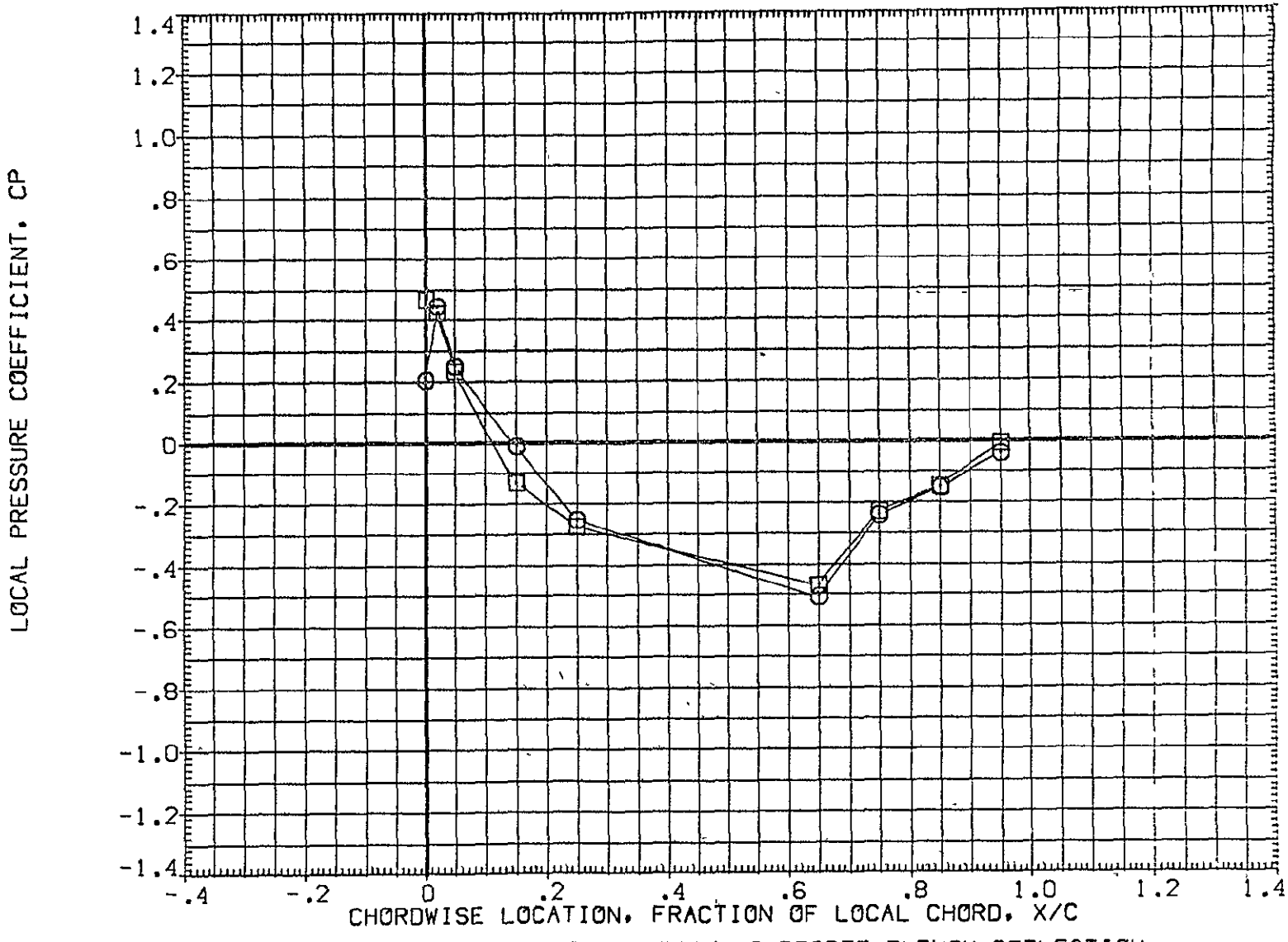

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

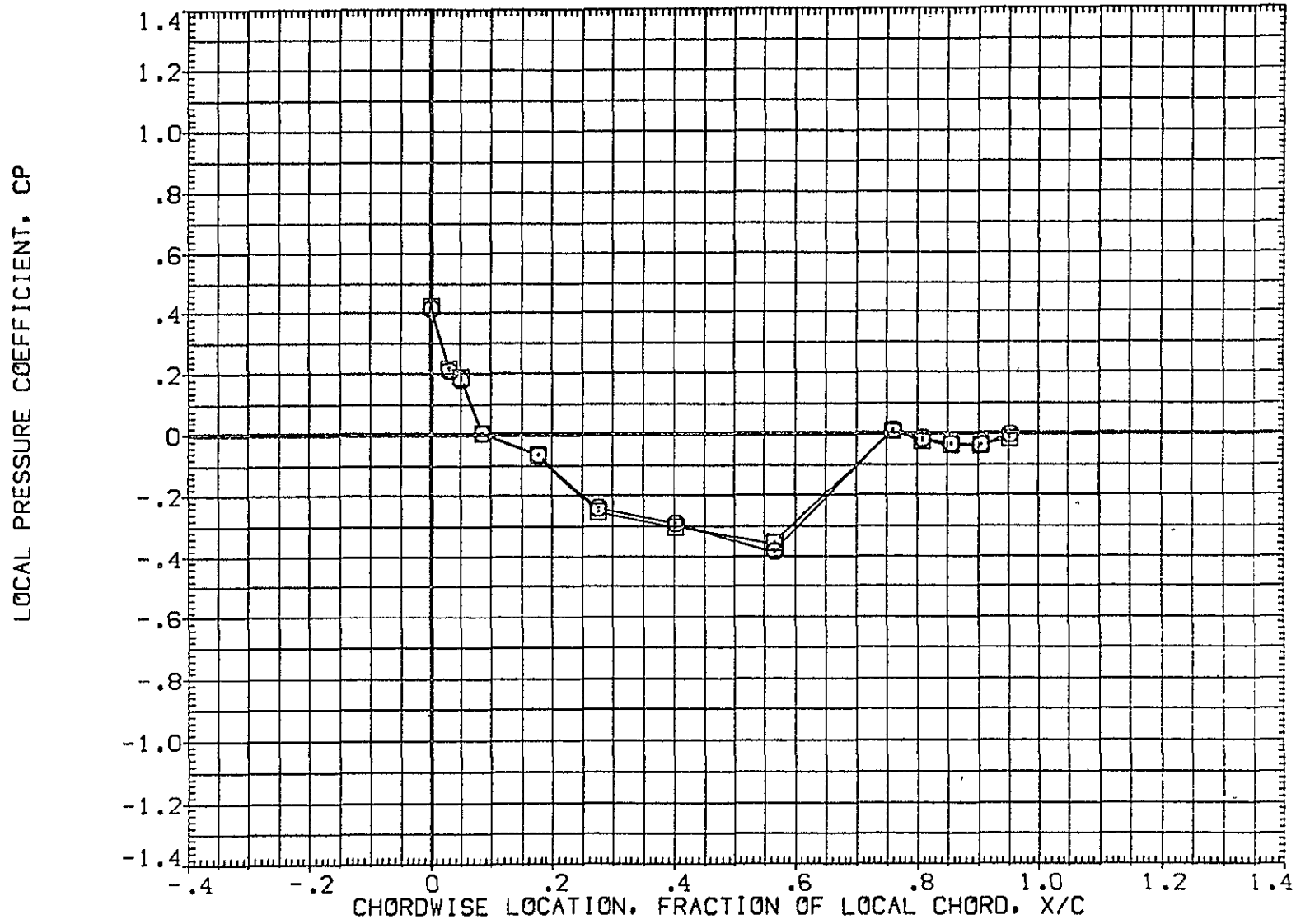

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

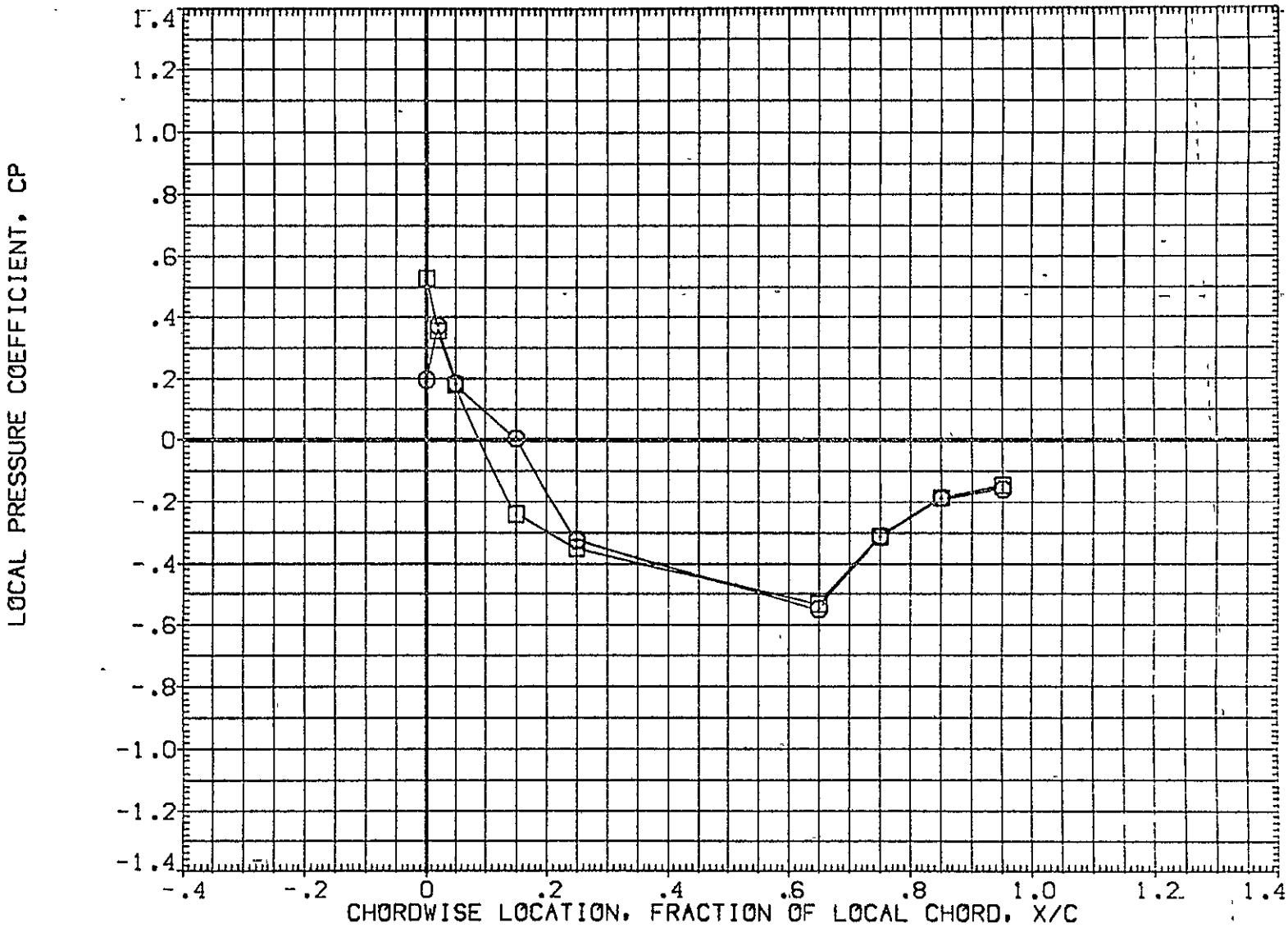

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

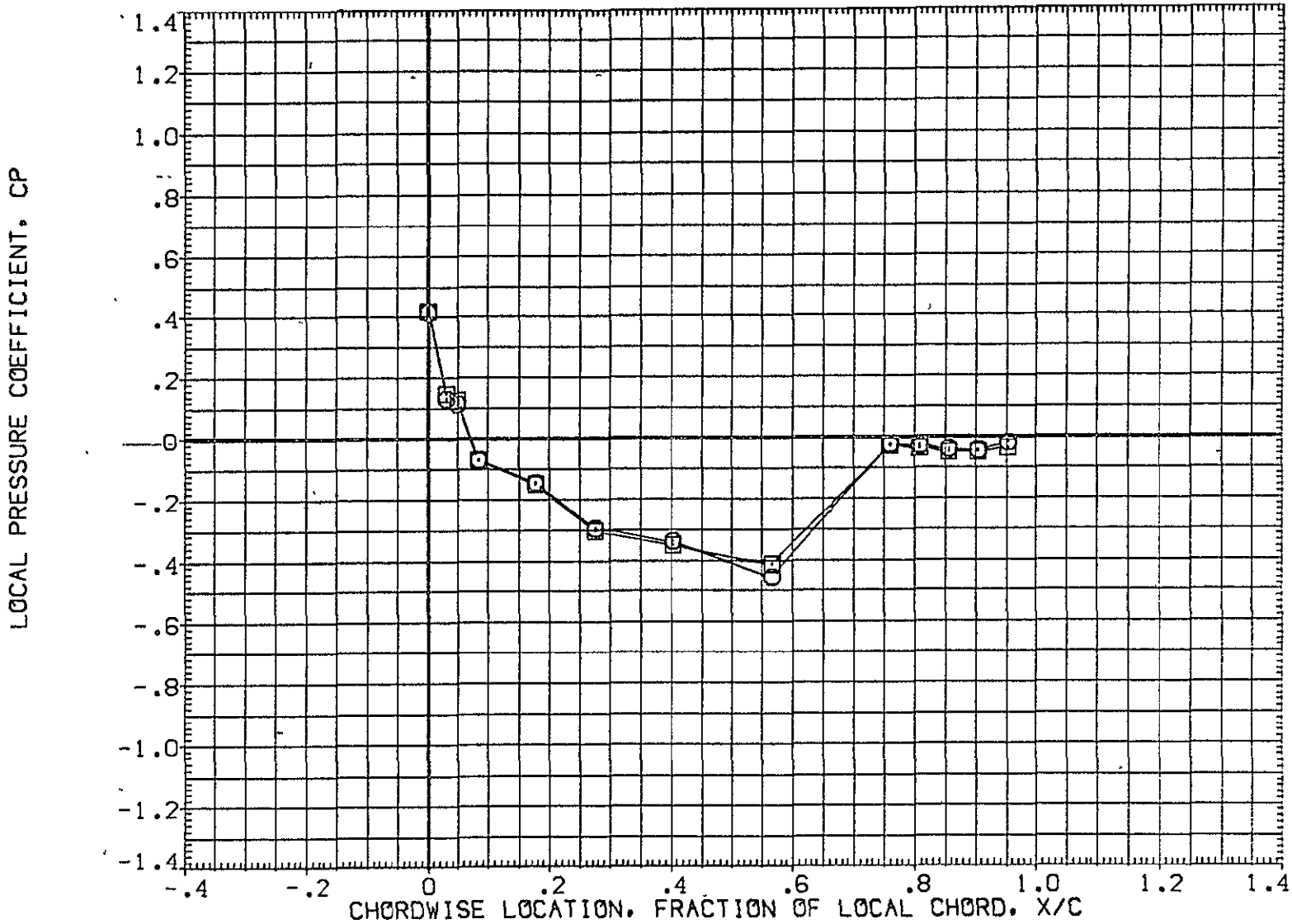

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68) □	1A70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

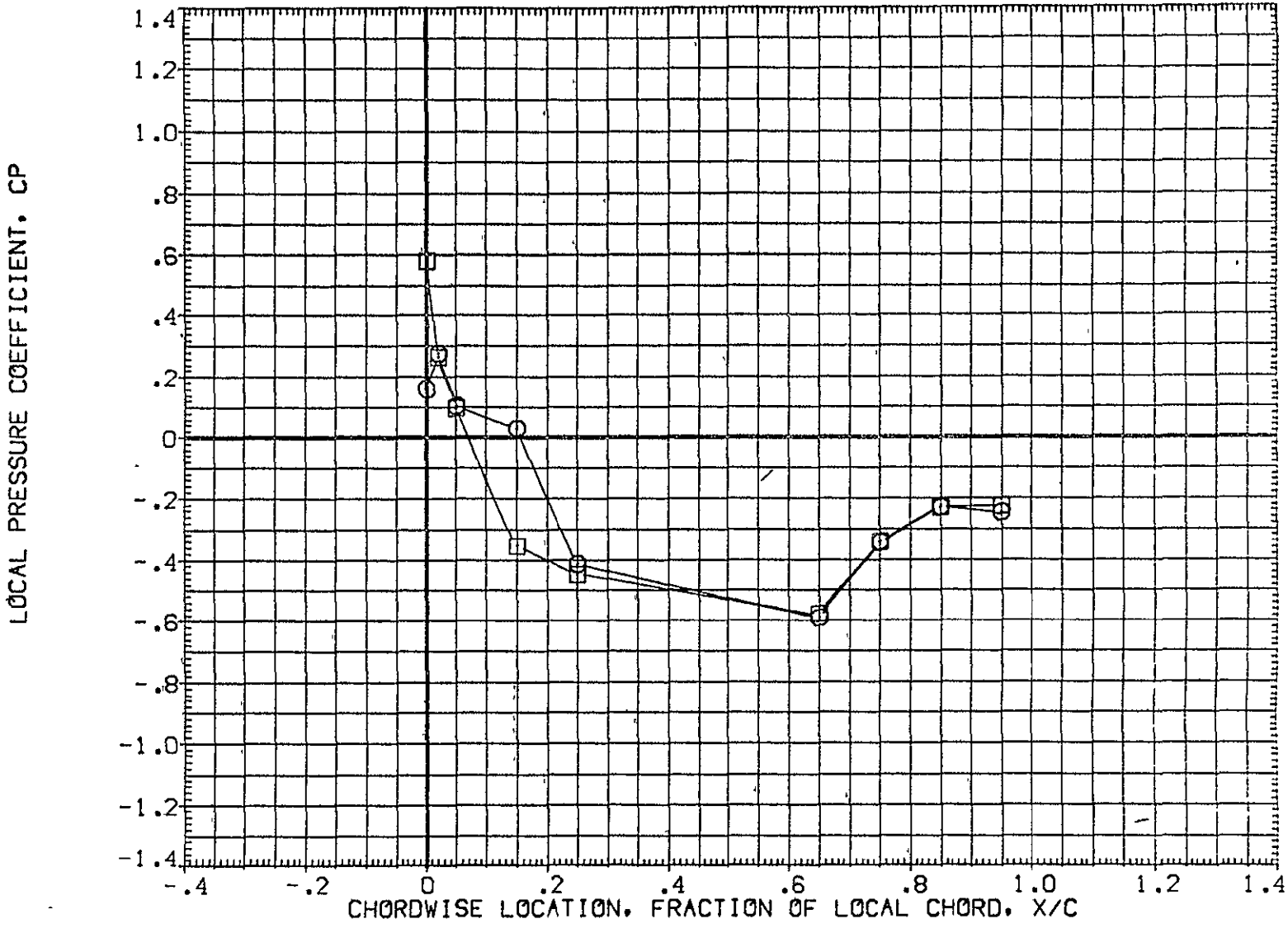

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

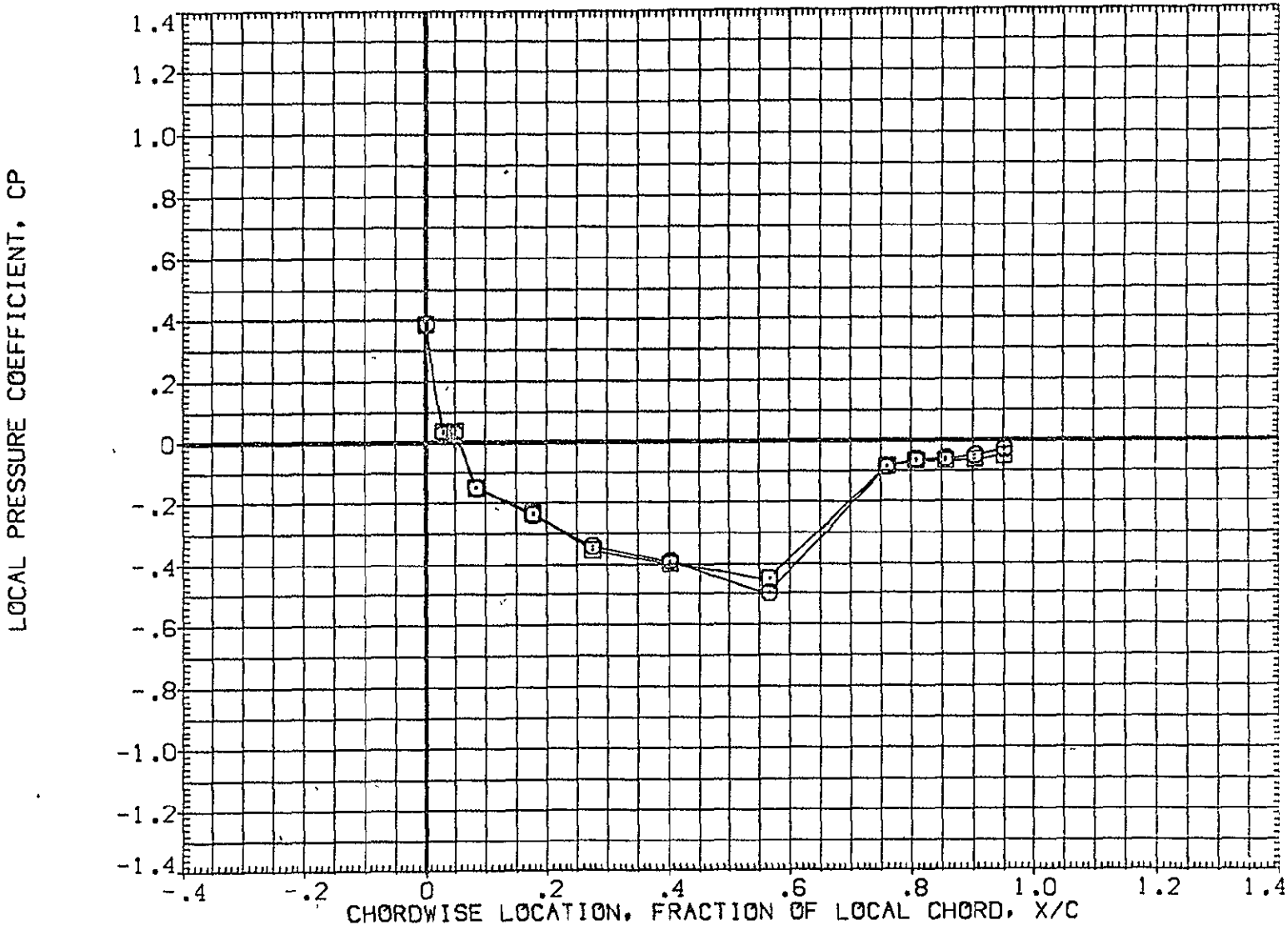

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68) □	1A70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

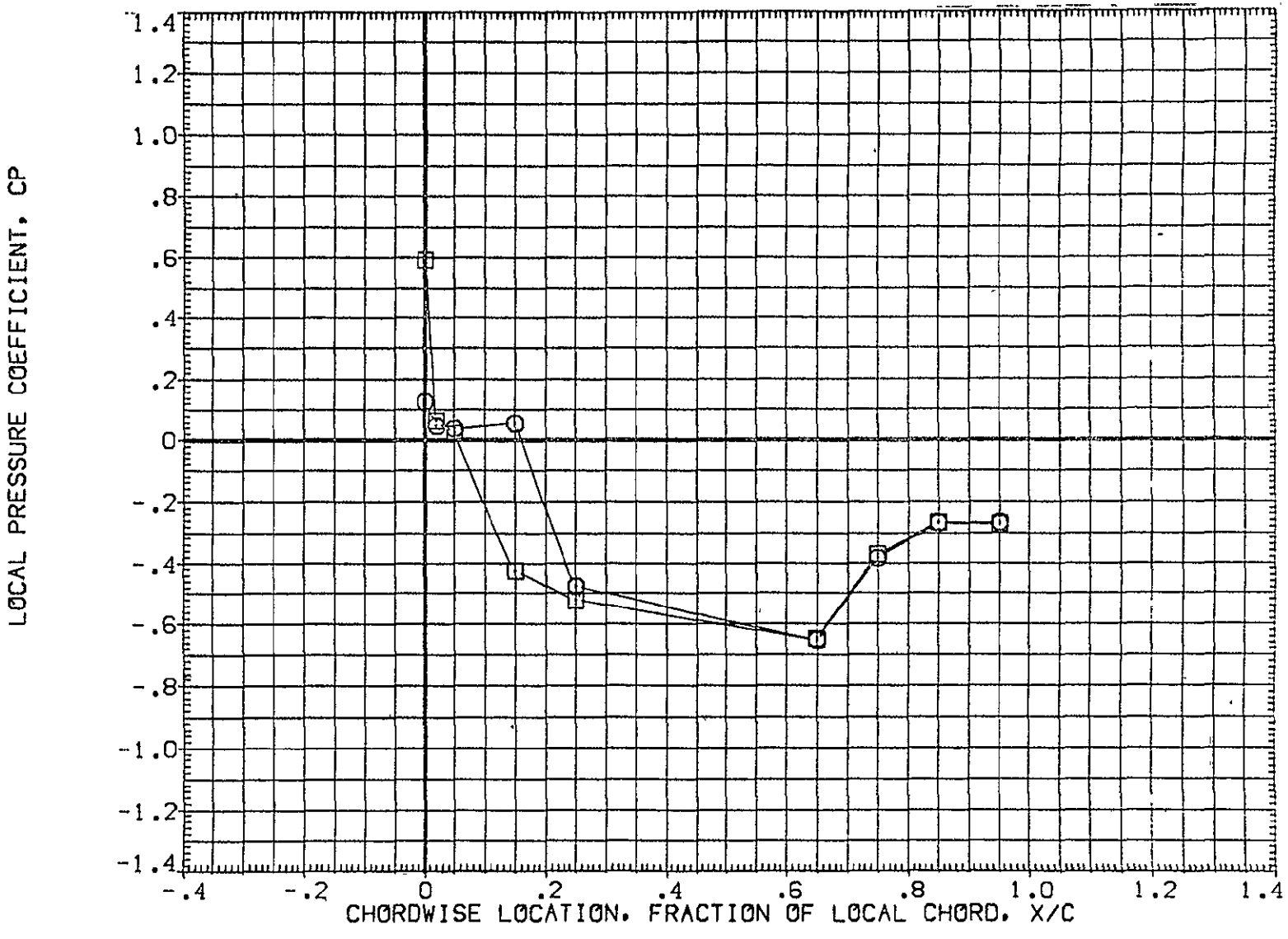

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

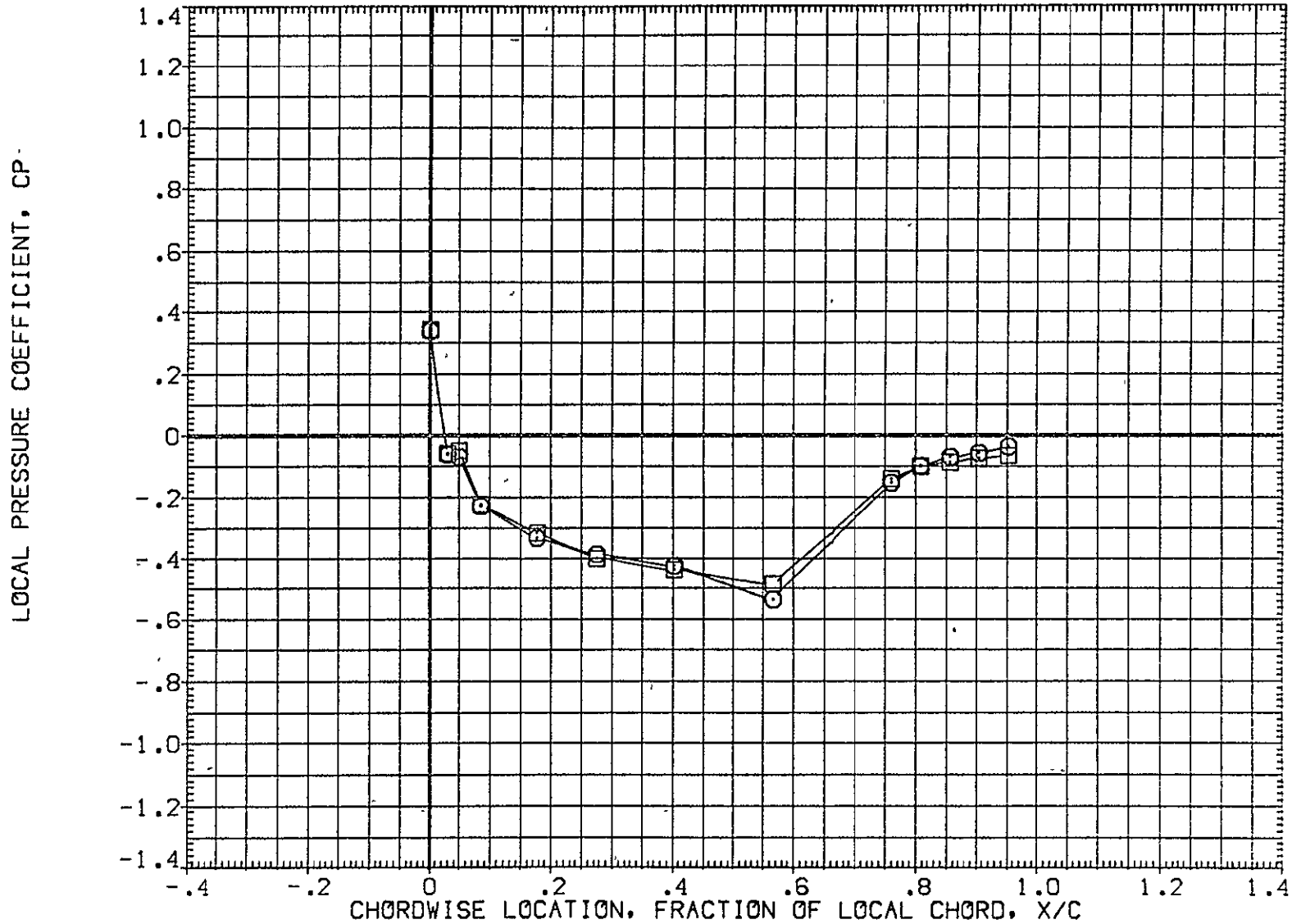

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	1A70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

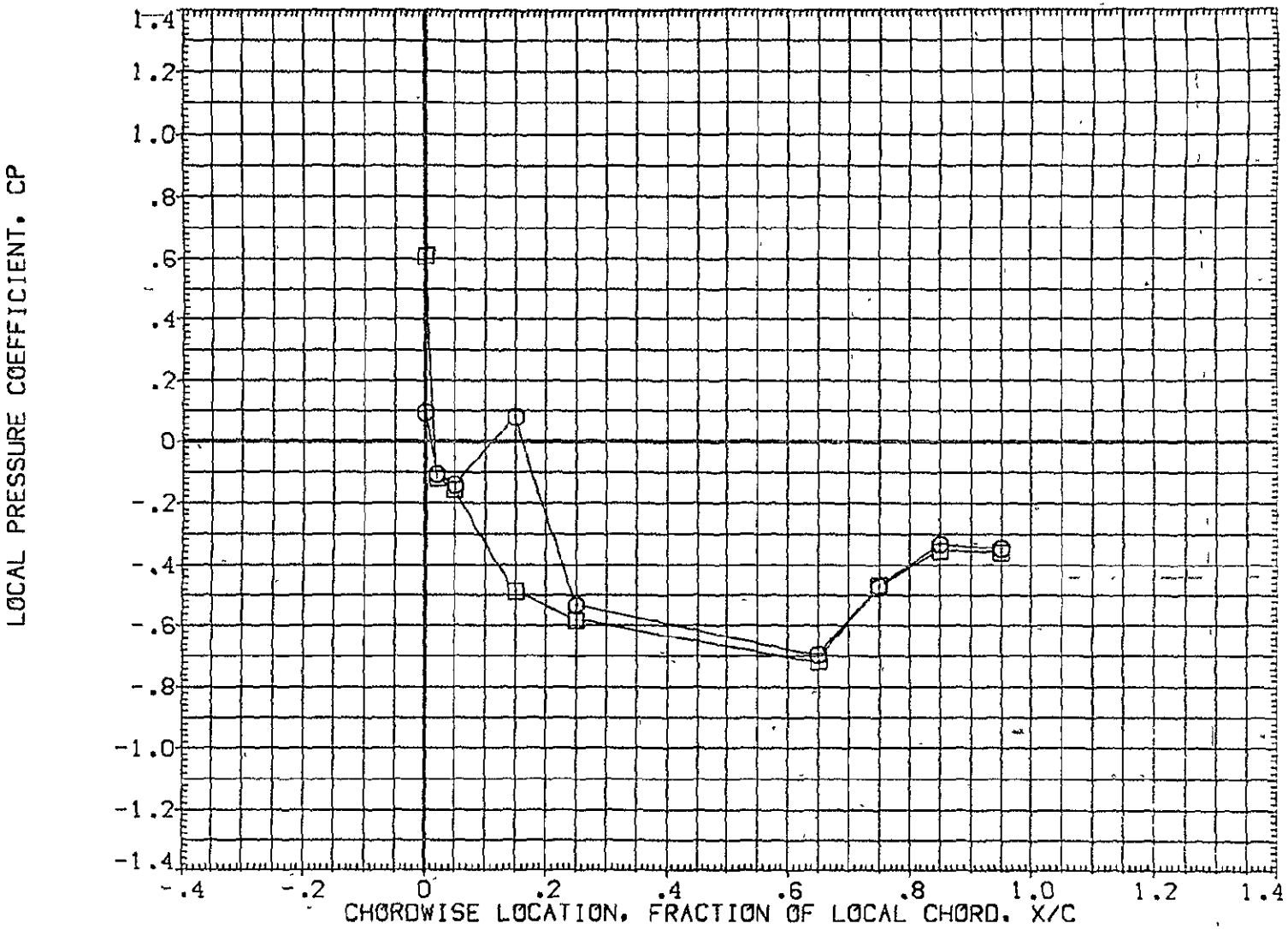

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	○	IA70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	□	IA70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

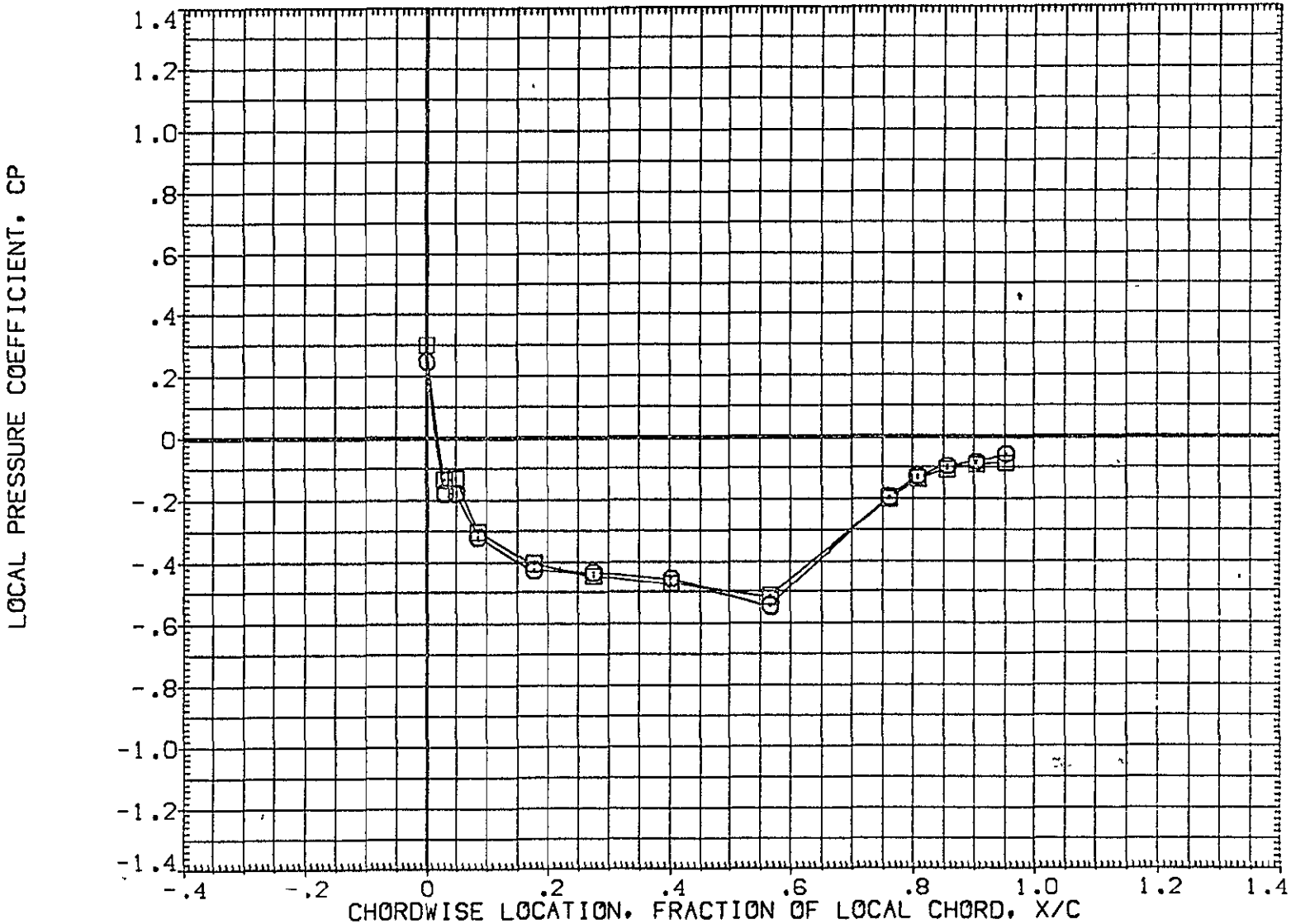

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45) ○	1A70 01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68) □	1A70 01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000	.000

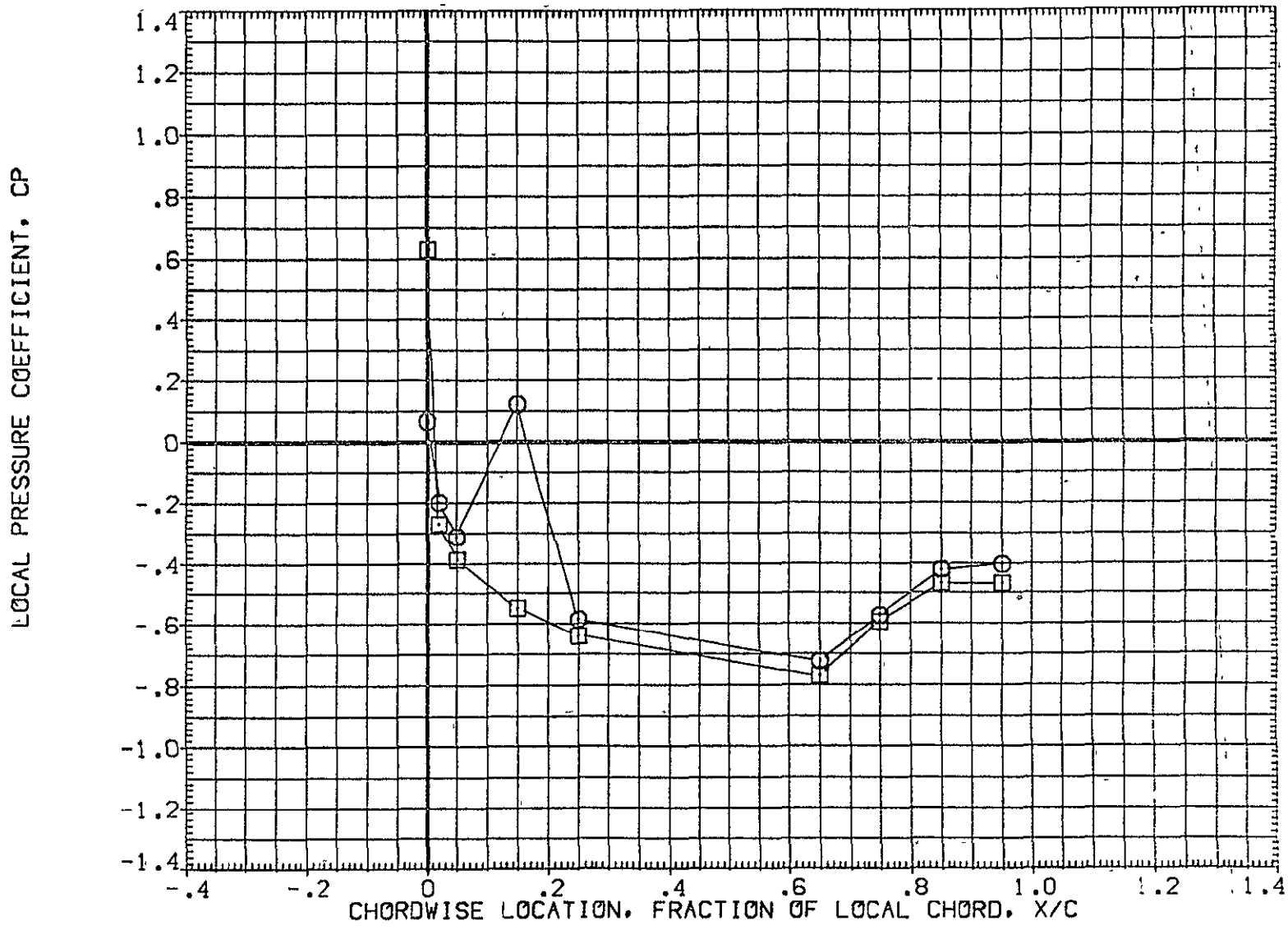

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

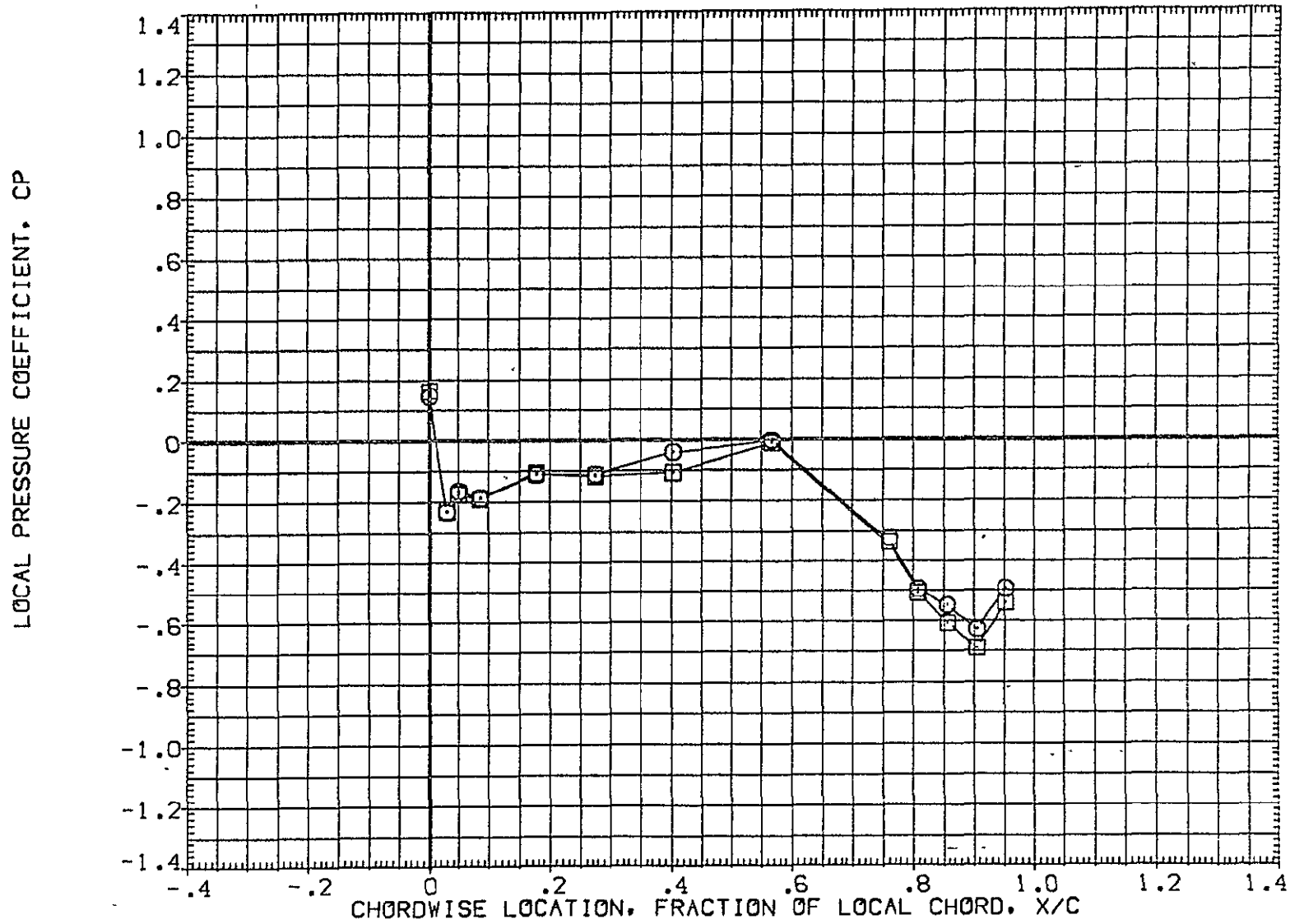

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68) □	IA70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

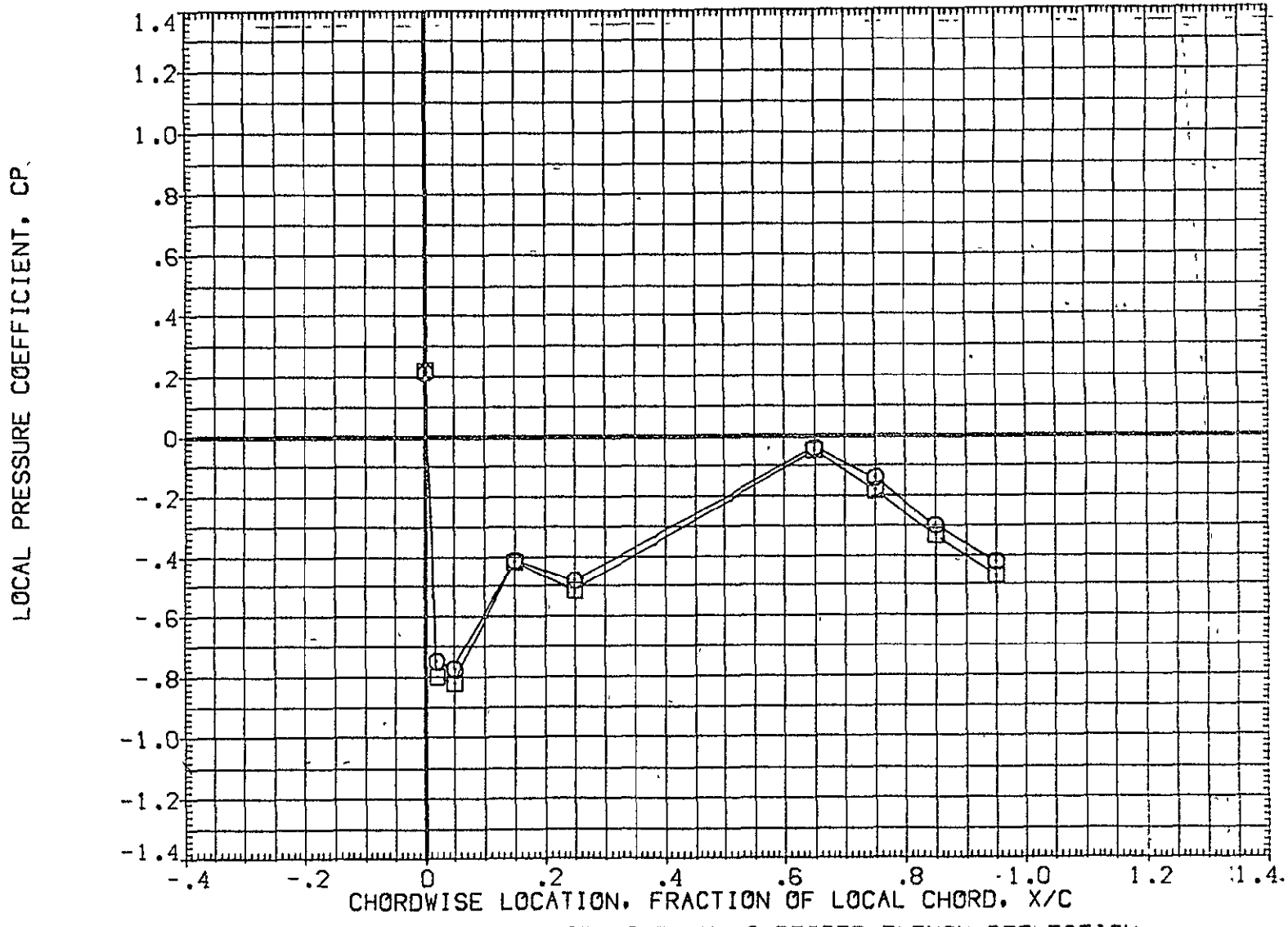

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68) □	1A70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

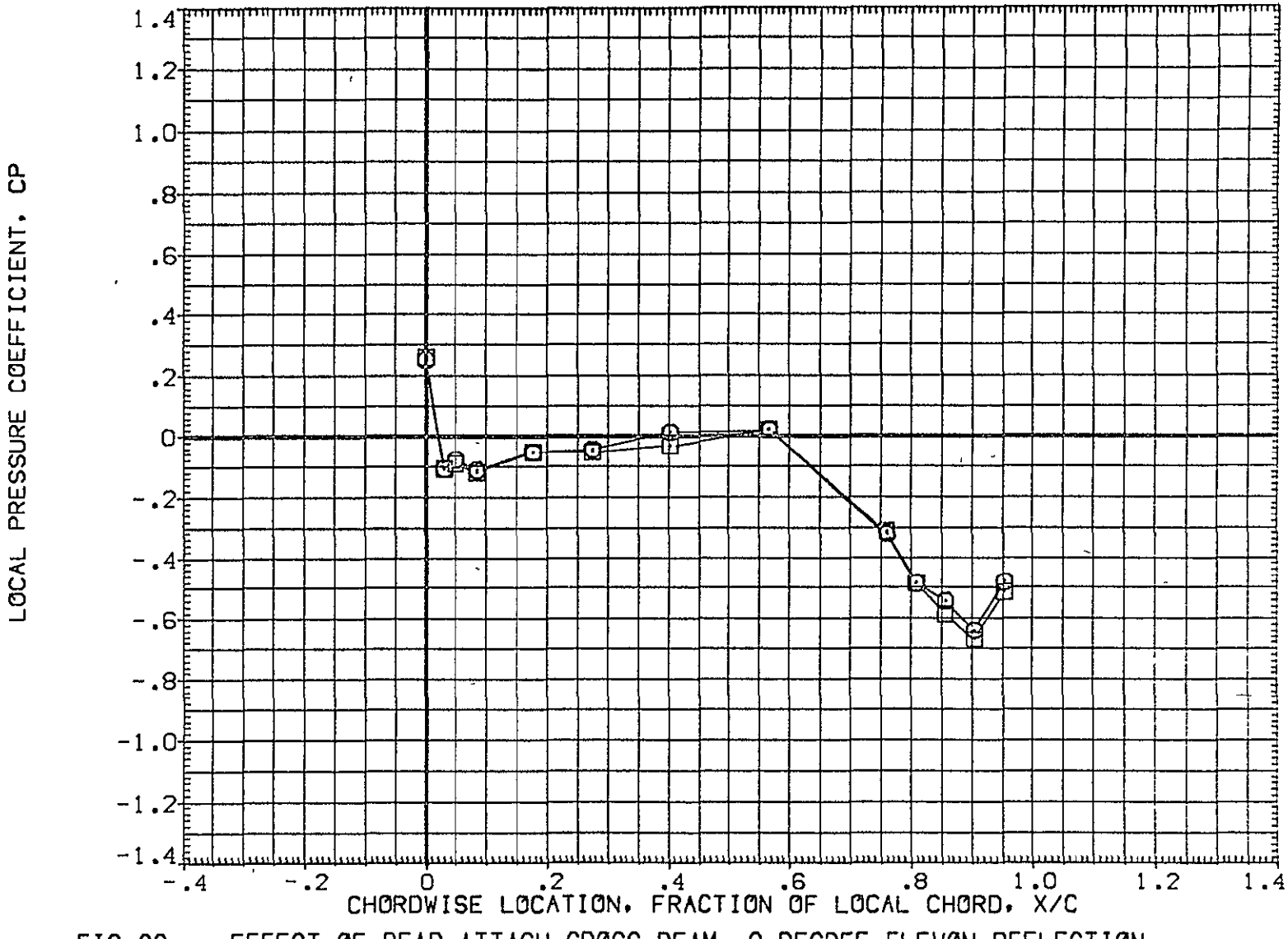

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68) □	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

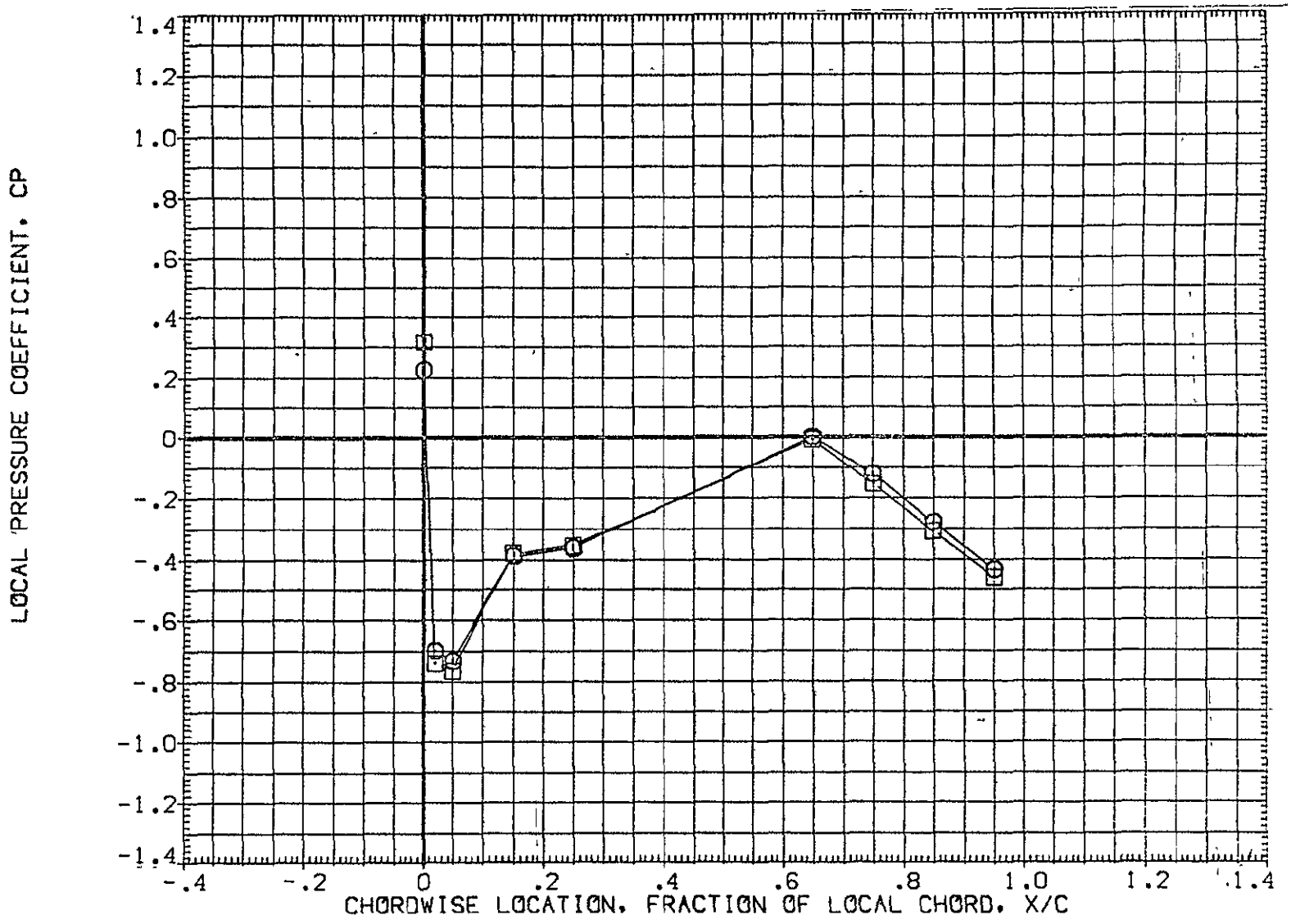

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

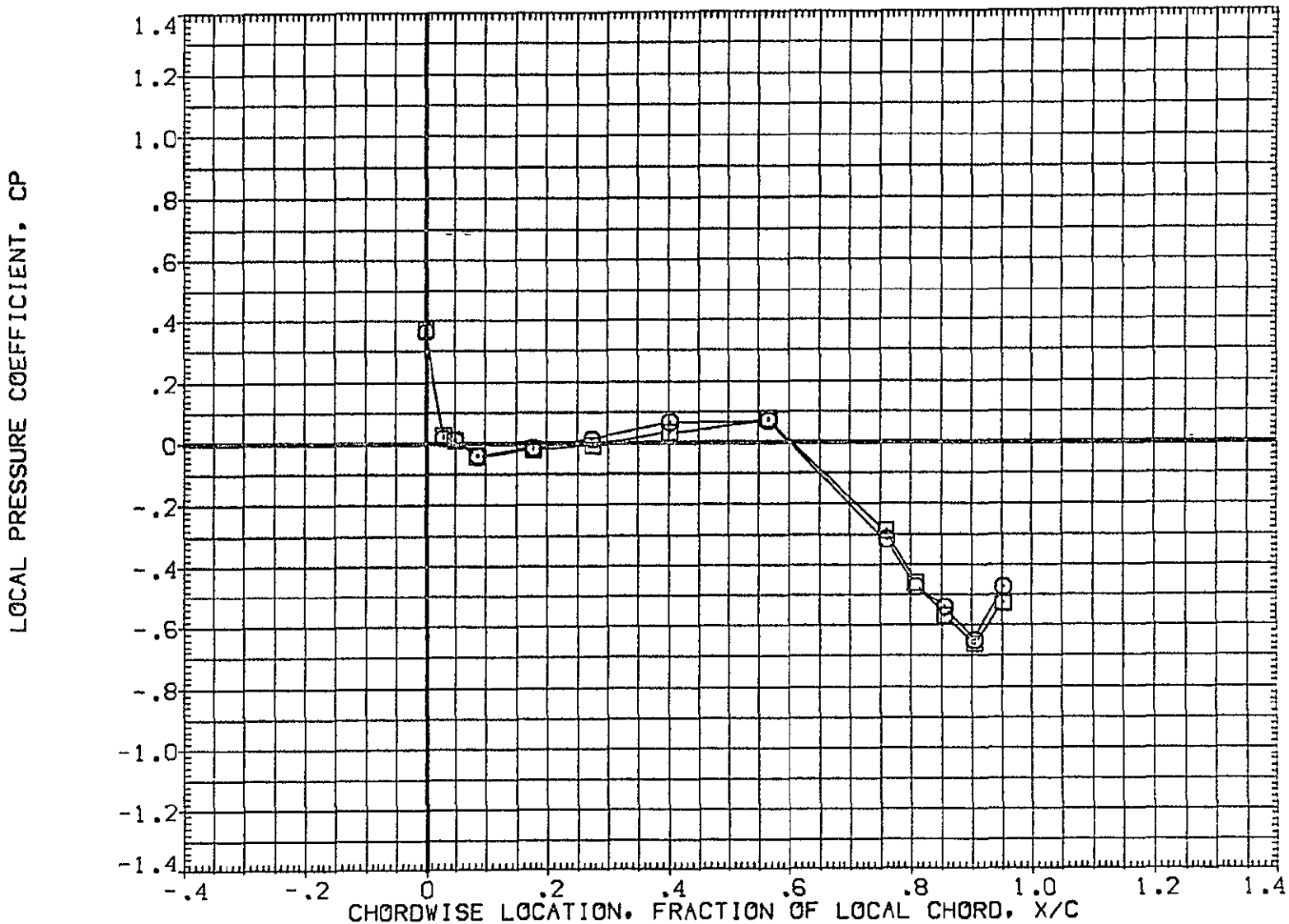

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

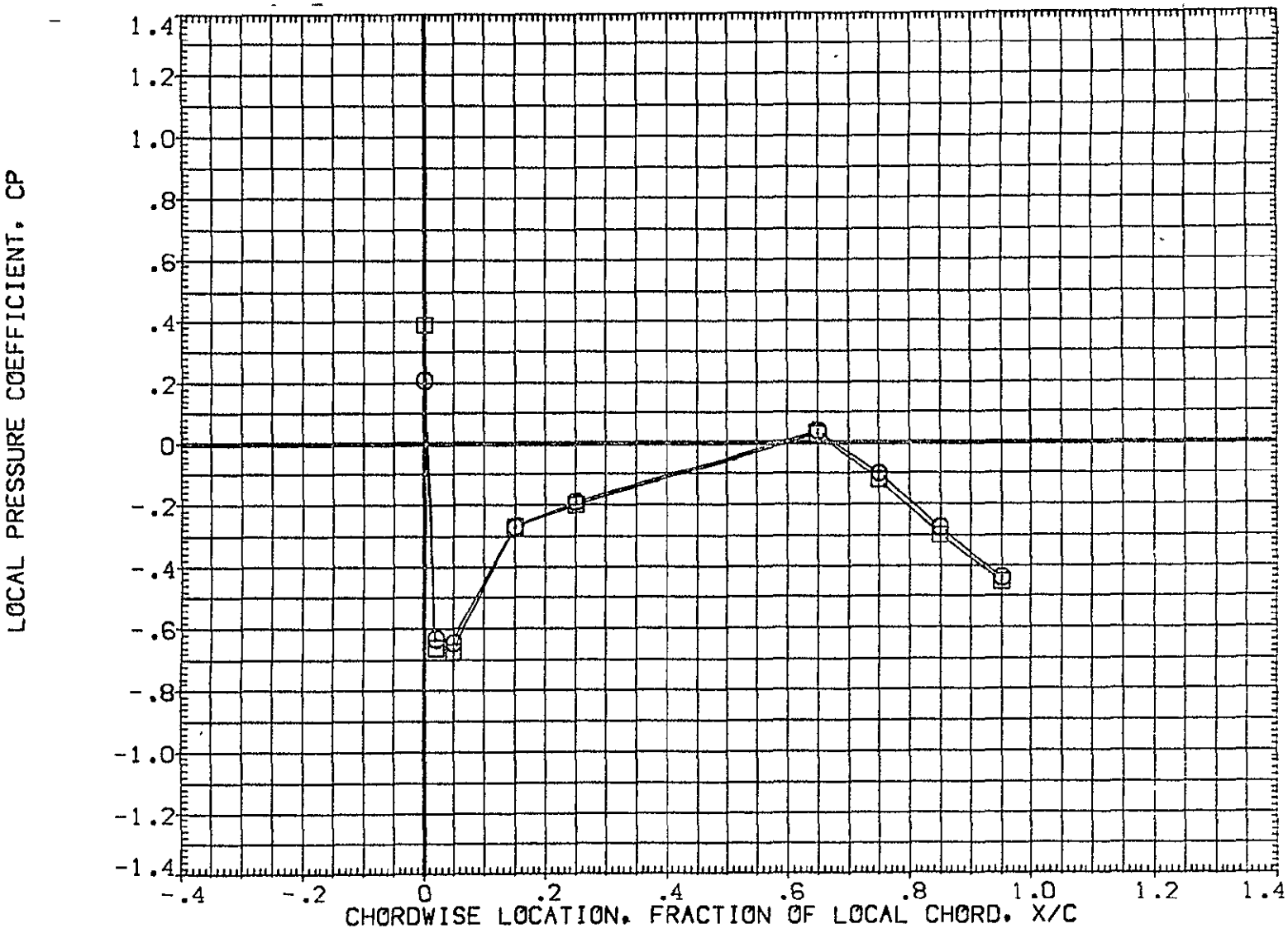

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

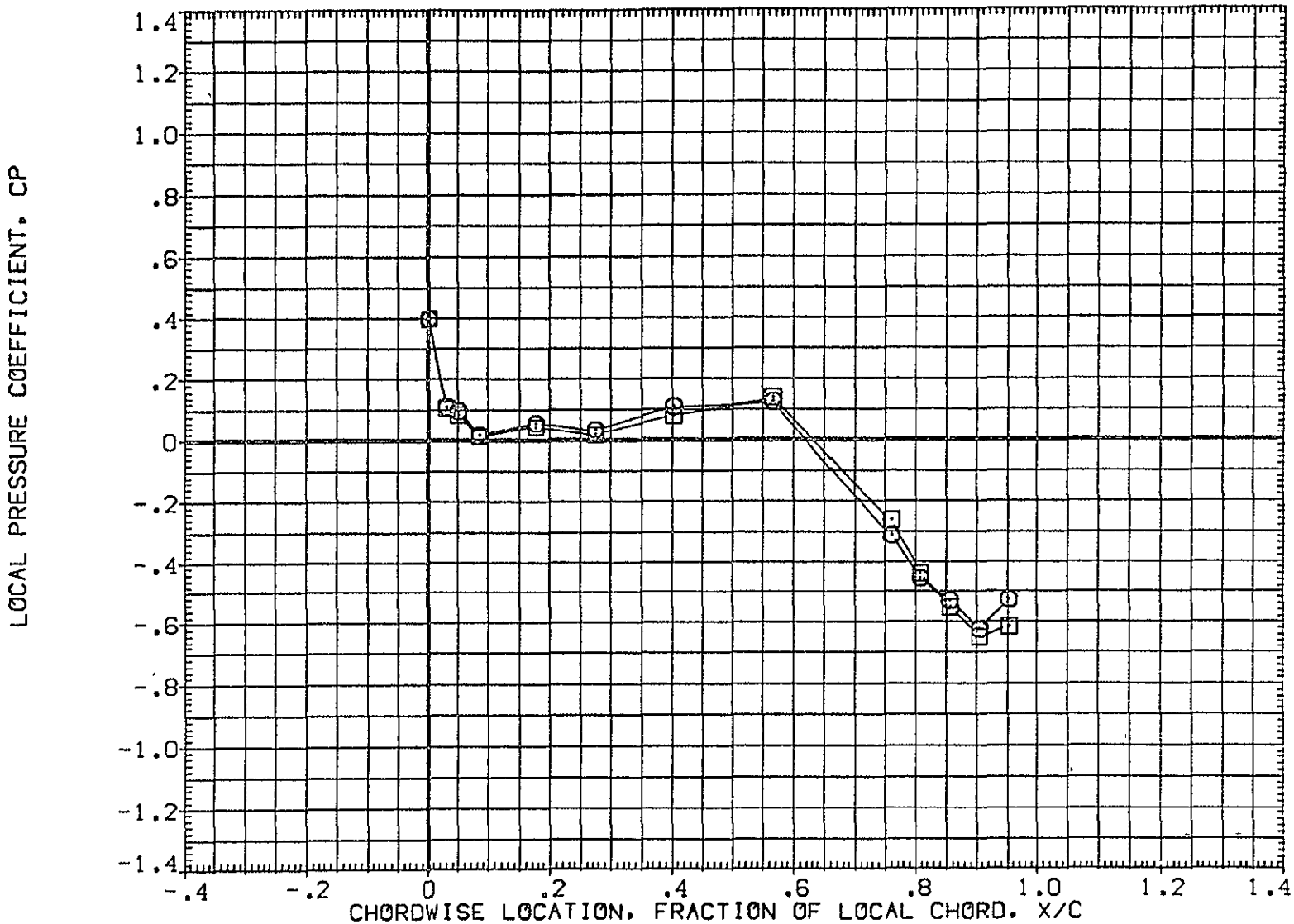

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	IA70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

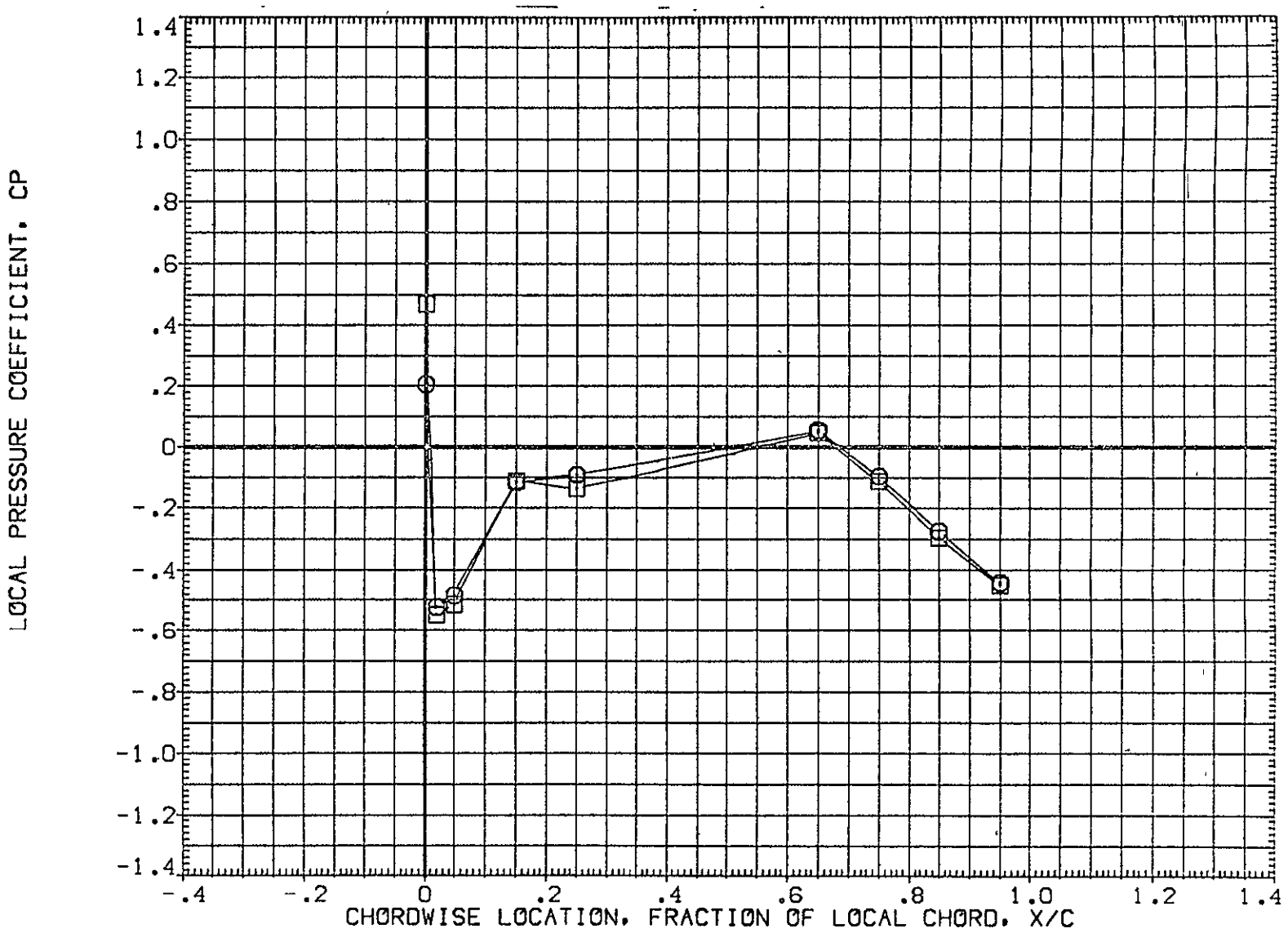

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

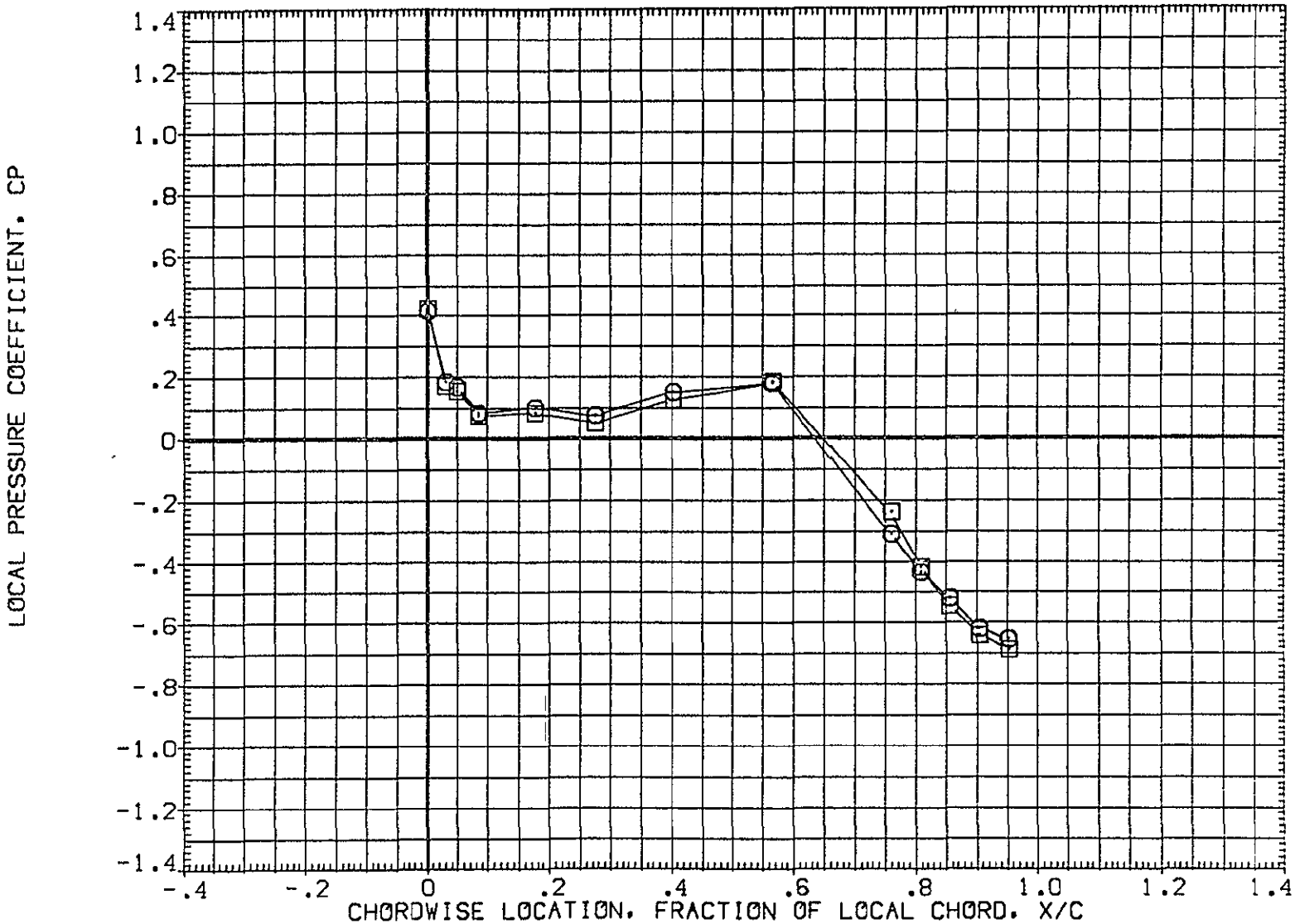

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	IA70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

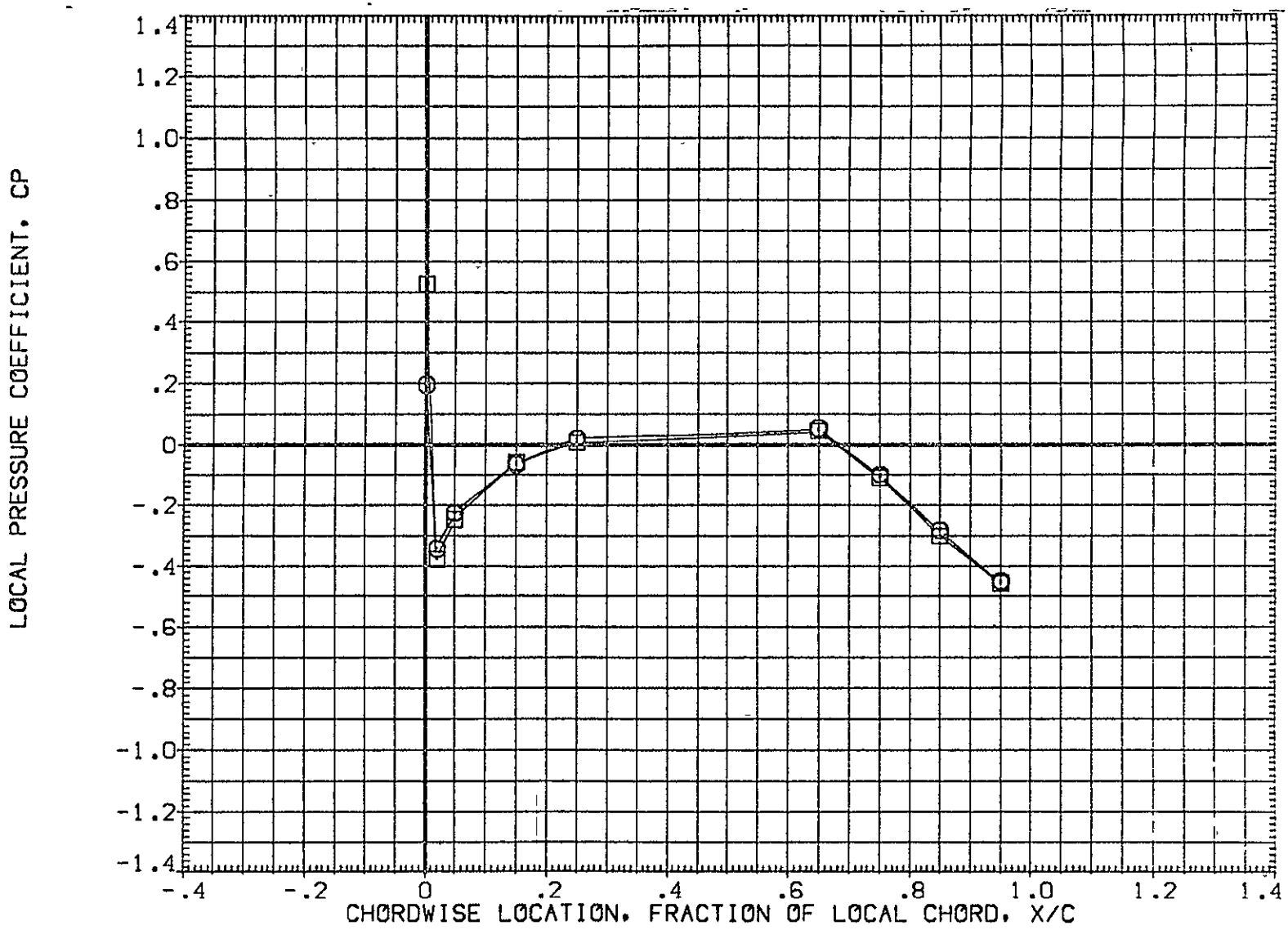

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

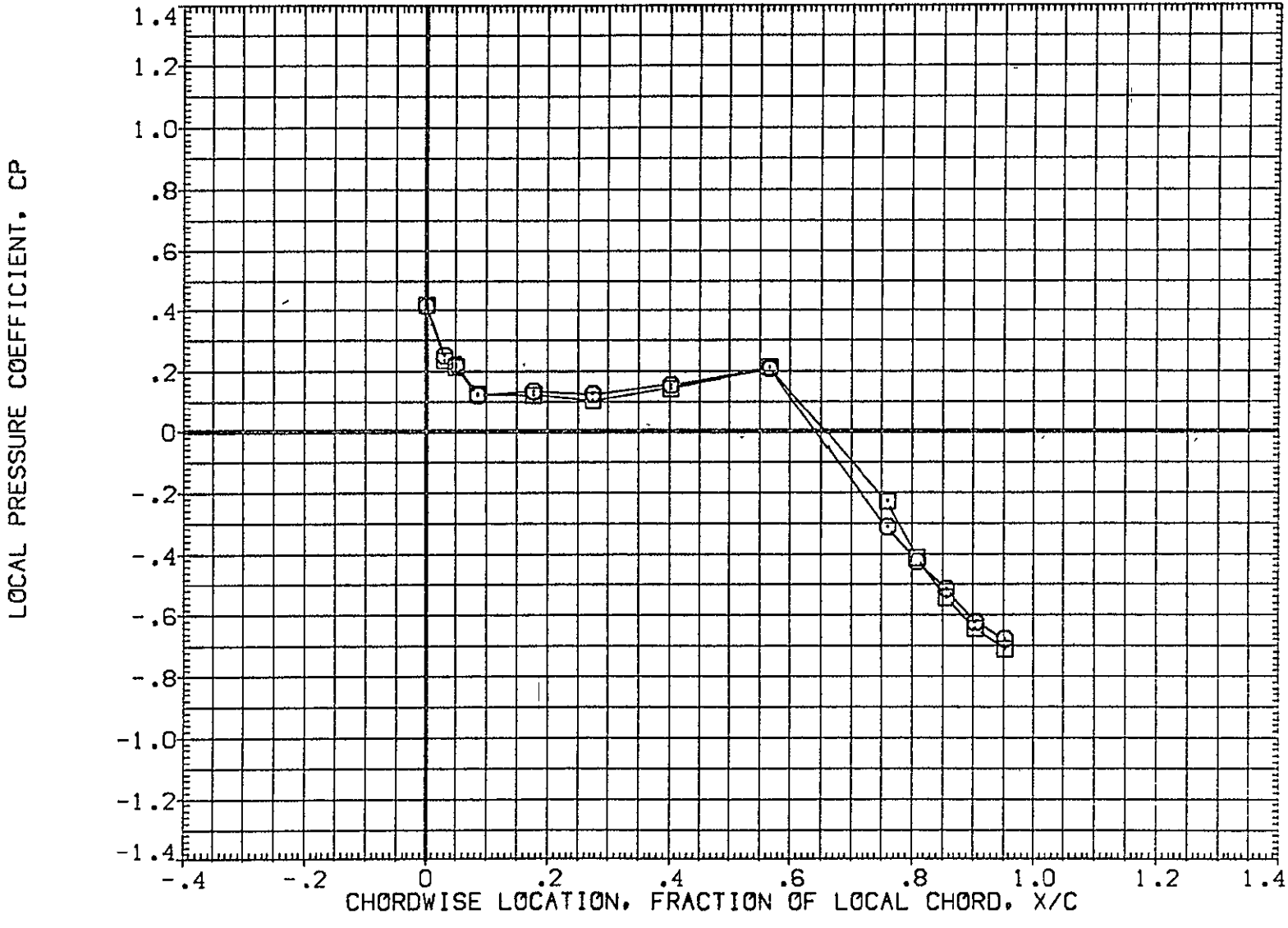

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

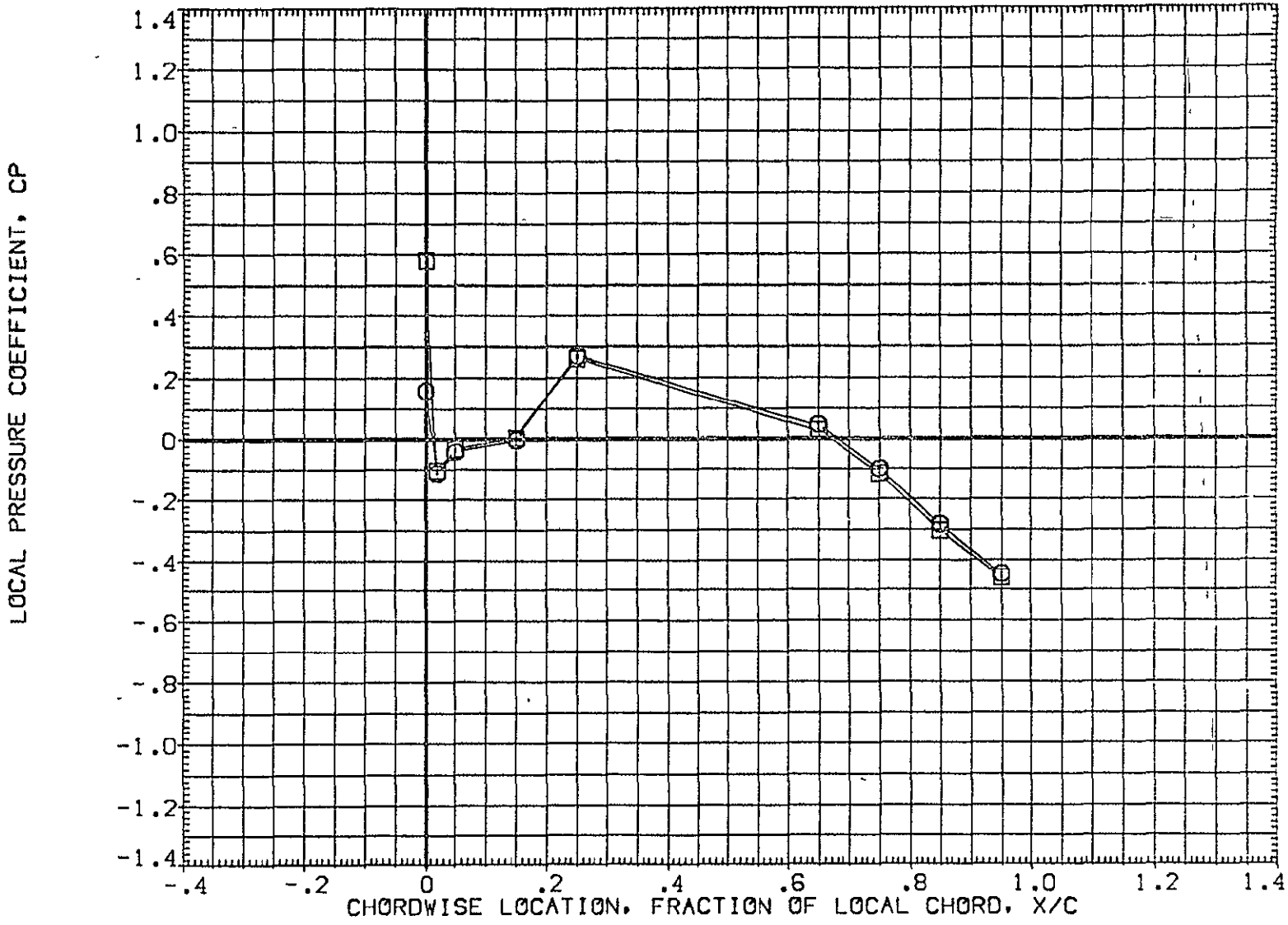

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

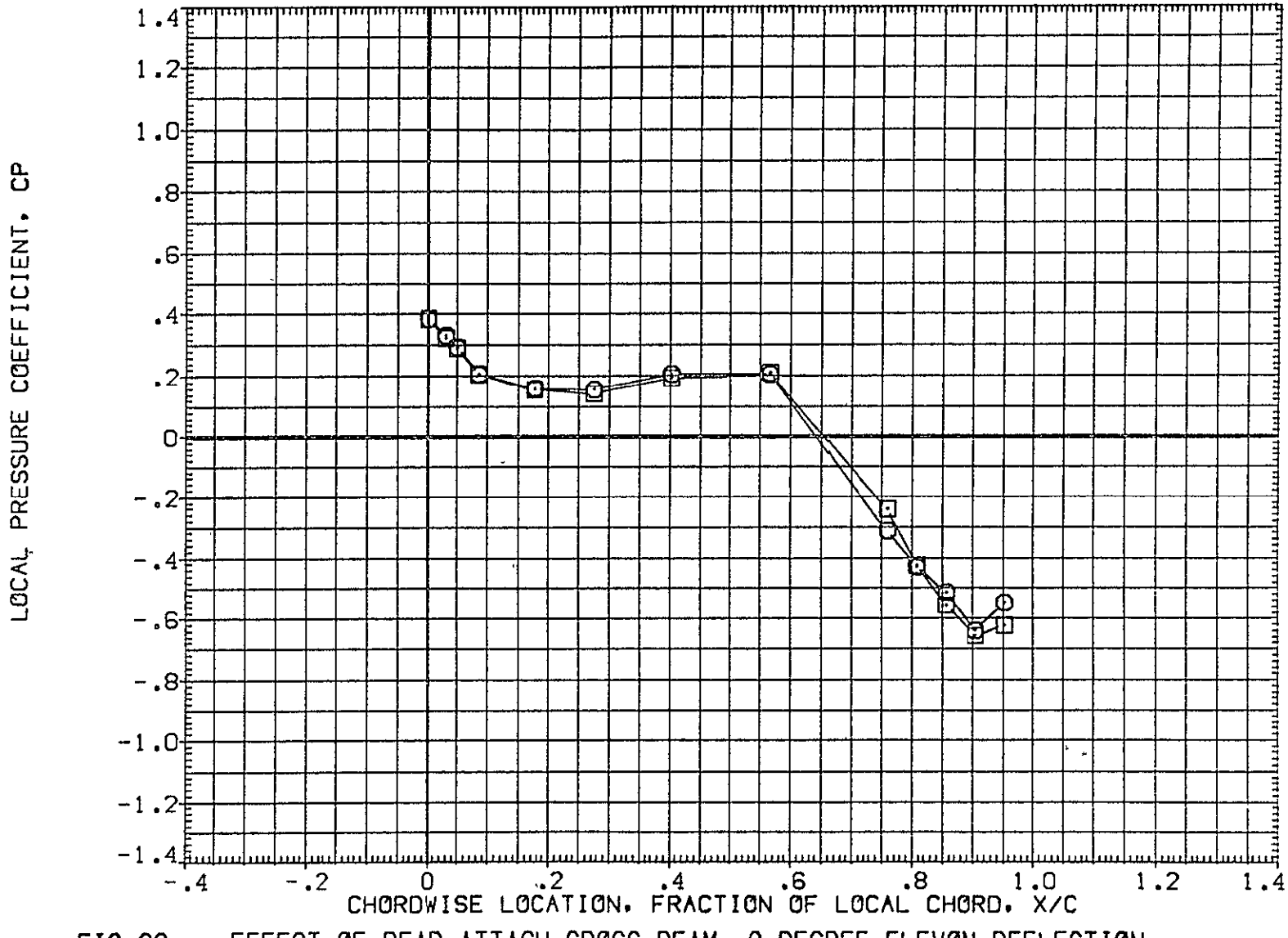

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70	01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

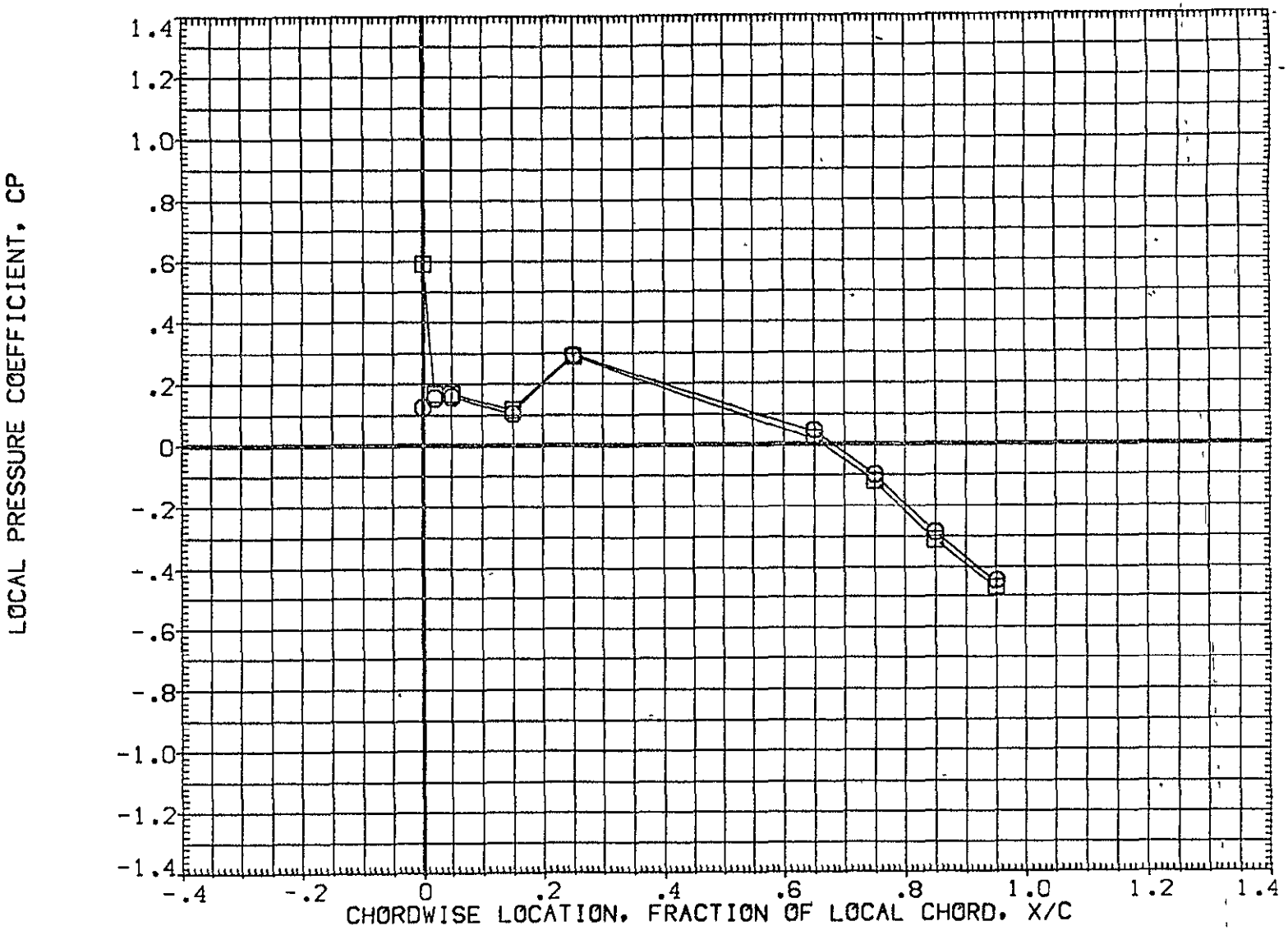

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	IA70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

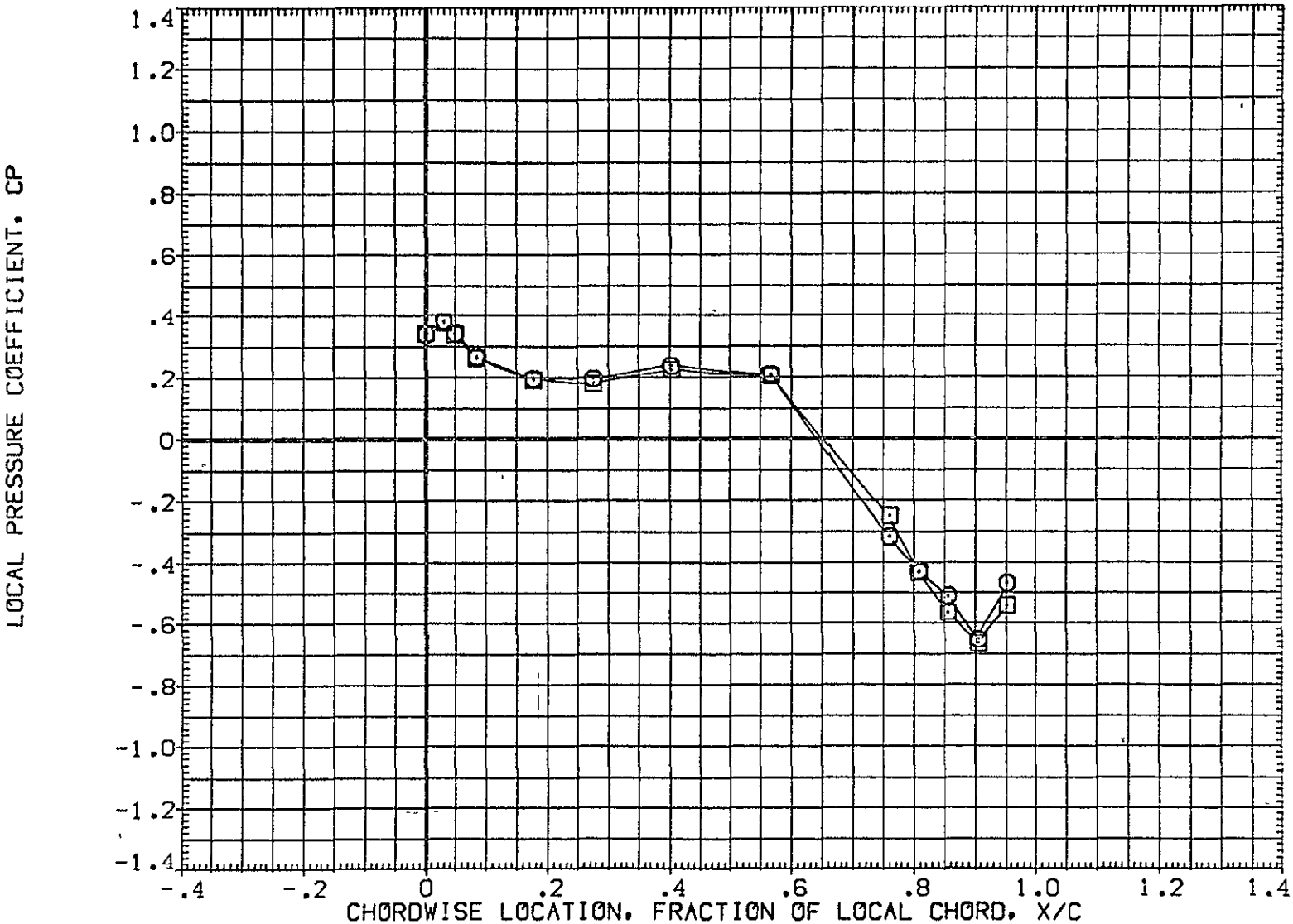

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68) □	IA70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

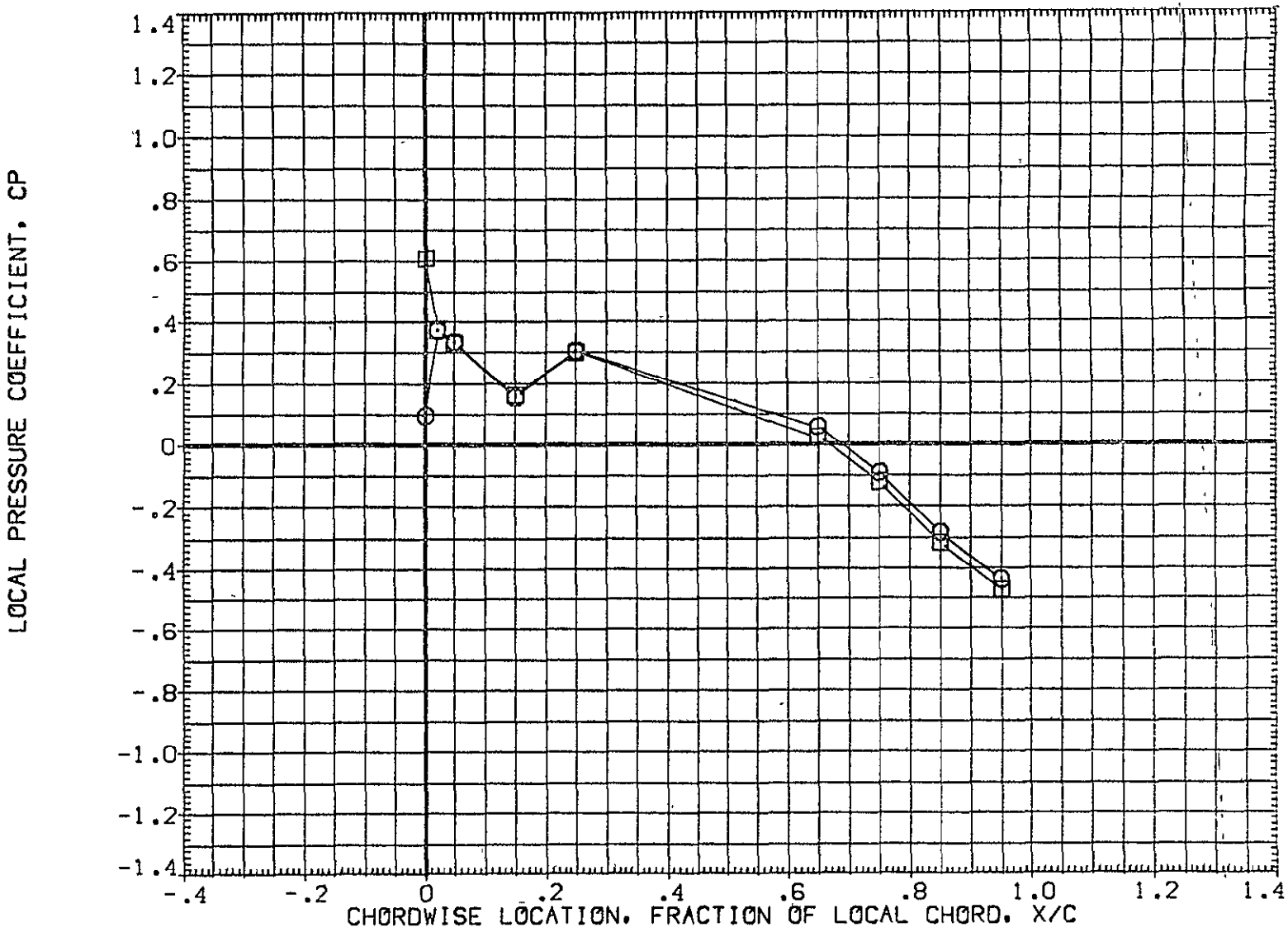

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

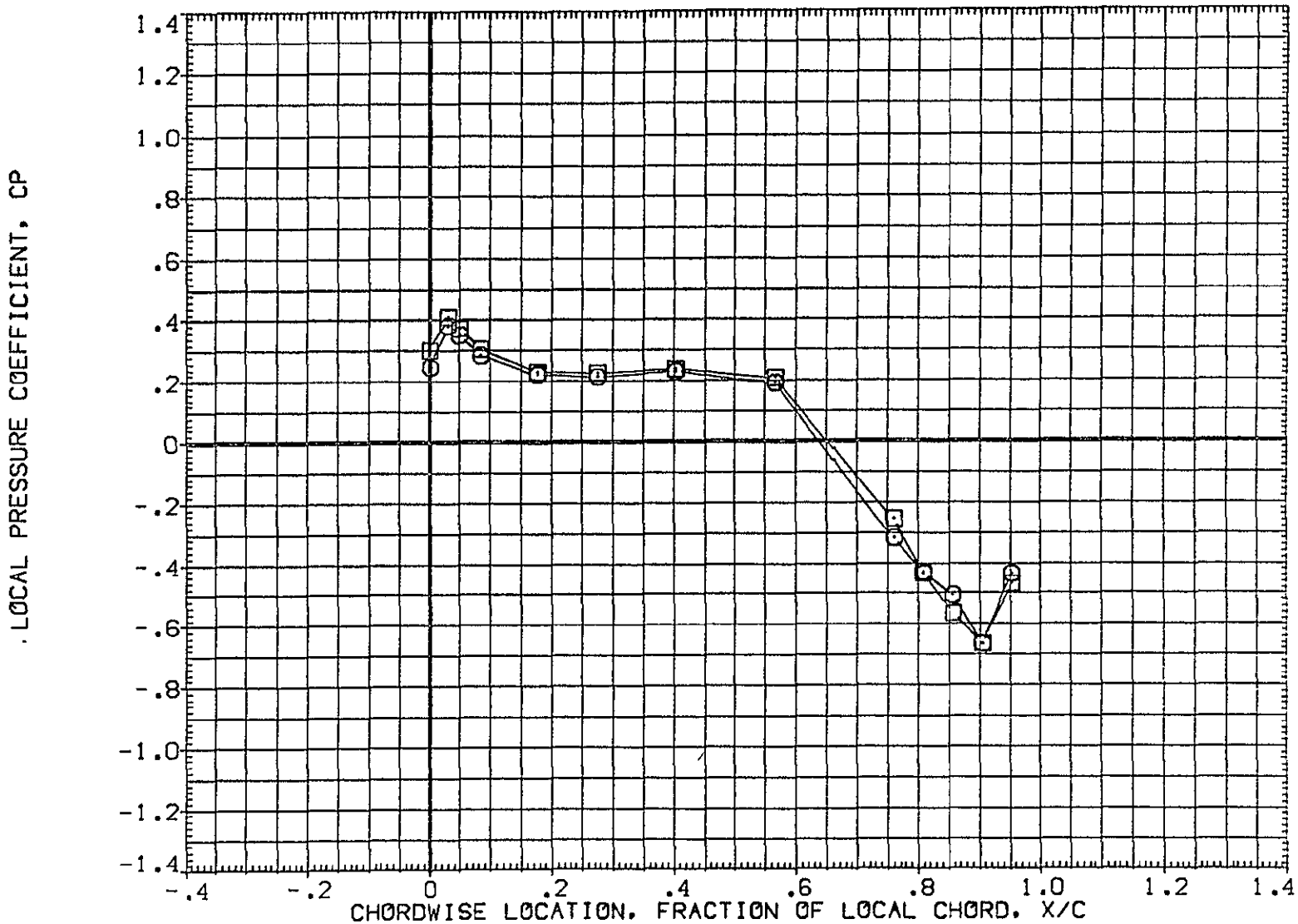

FIG 32 . EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45] ○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
[AF7L68] □	1A70 01 T12 S1 P2 P10	WING LOWER SURFACE	.000	.000	.000	.000

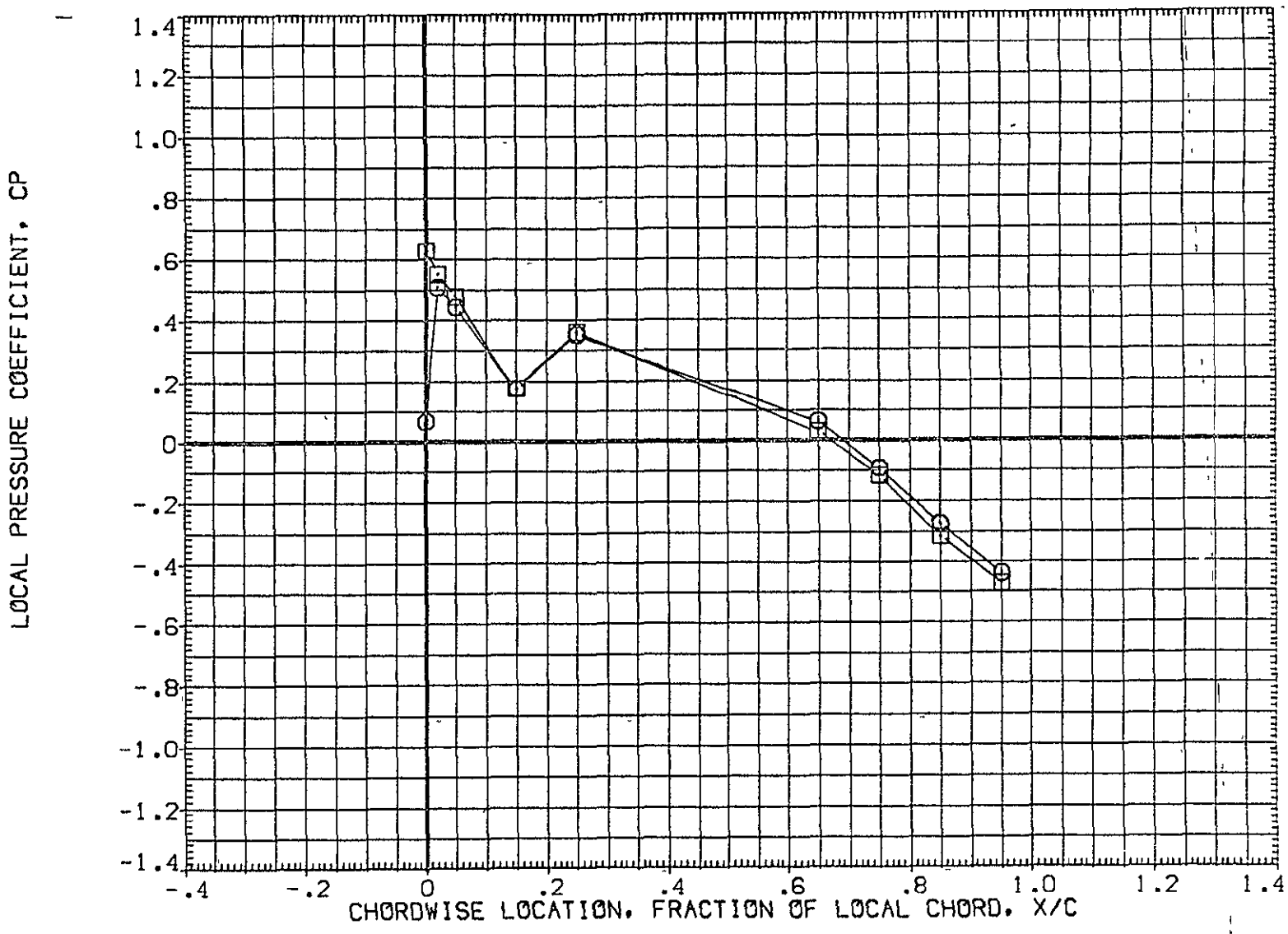

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

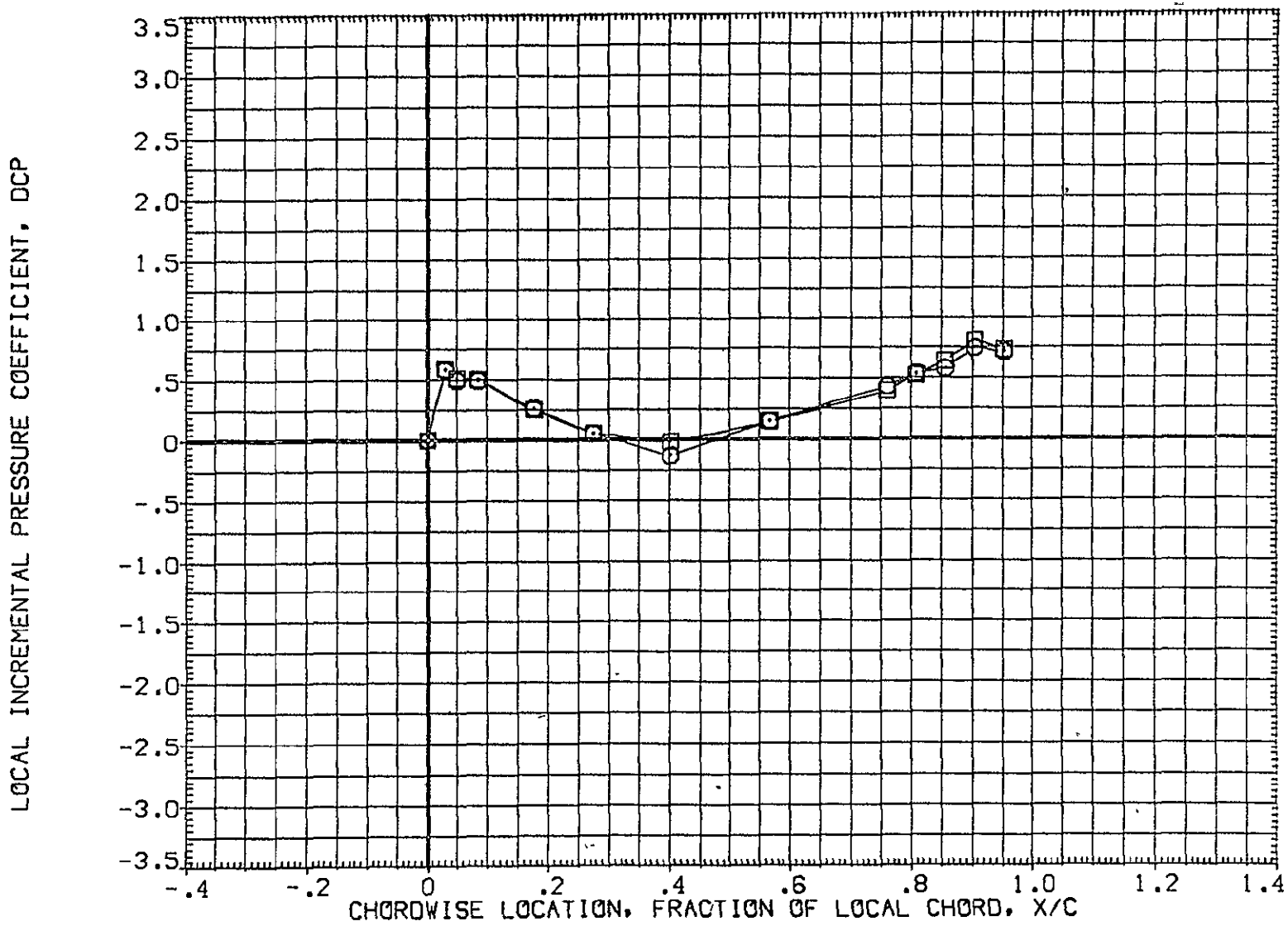

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068) □	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

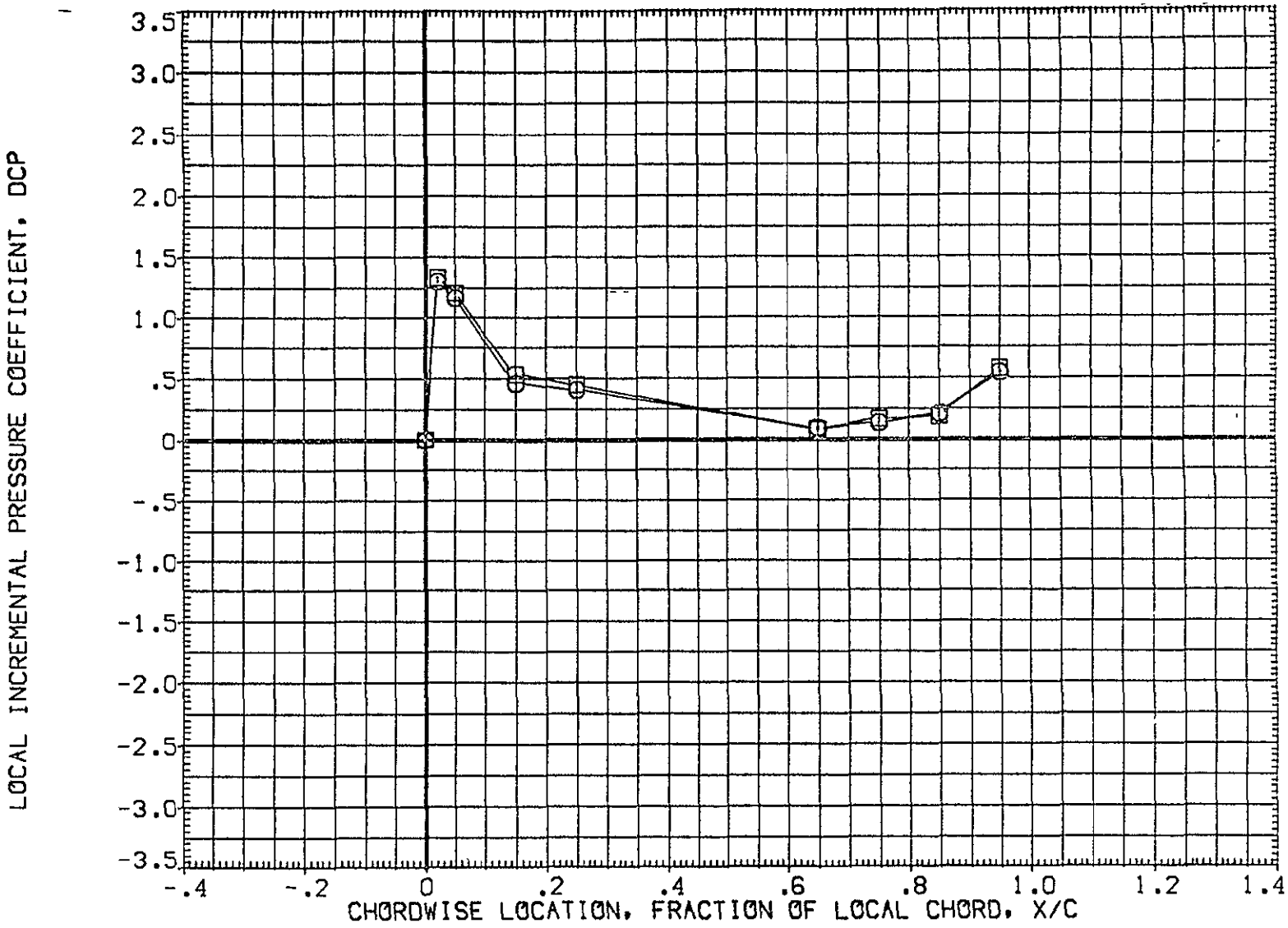

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

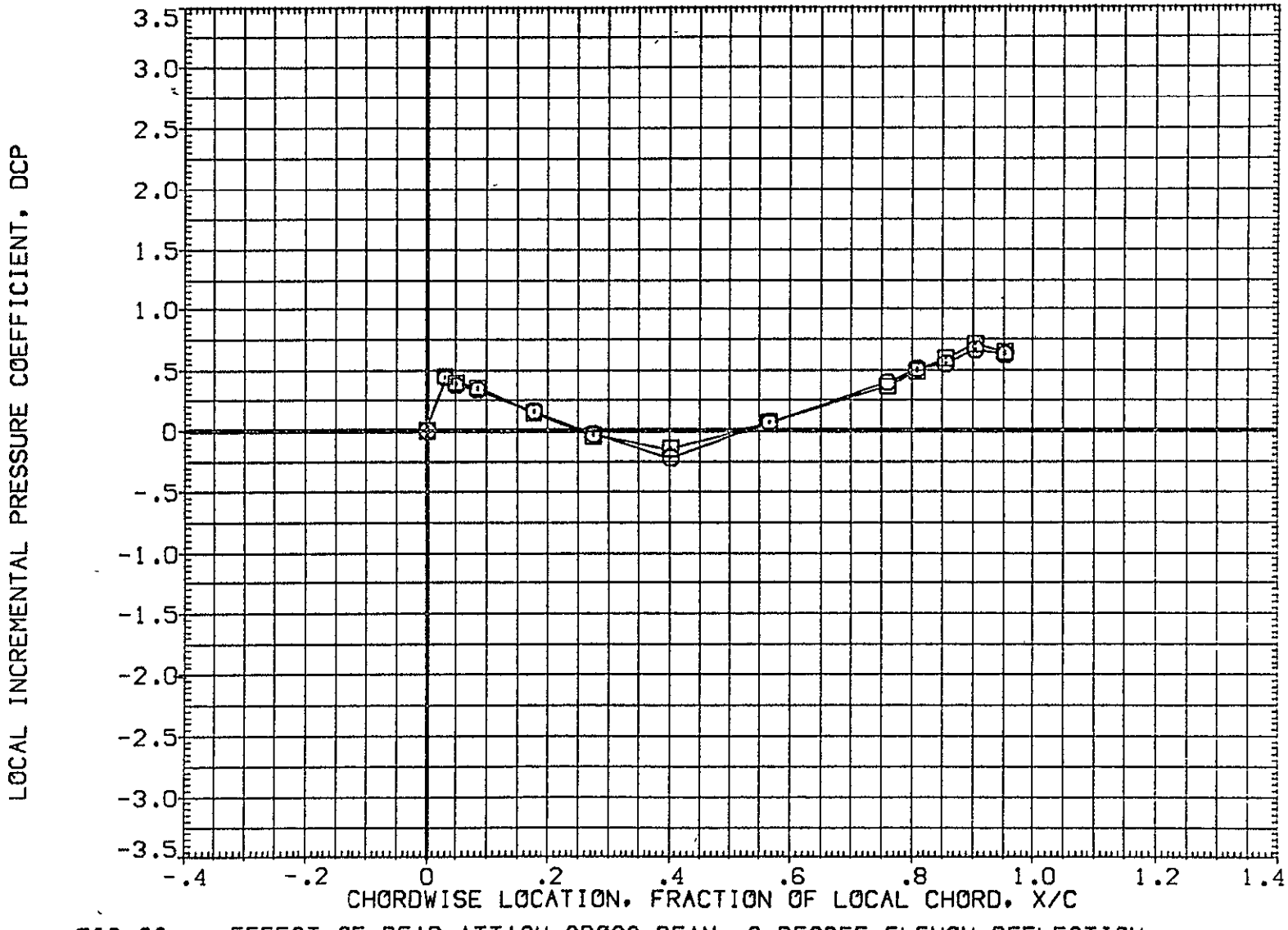

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF704S) ○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF706B) □	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

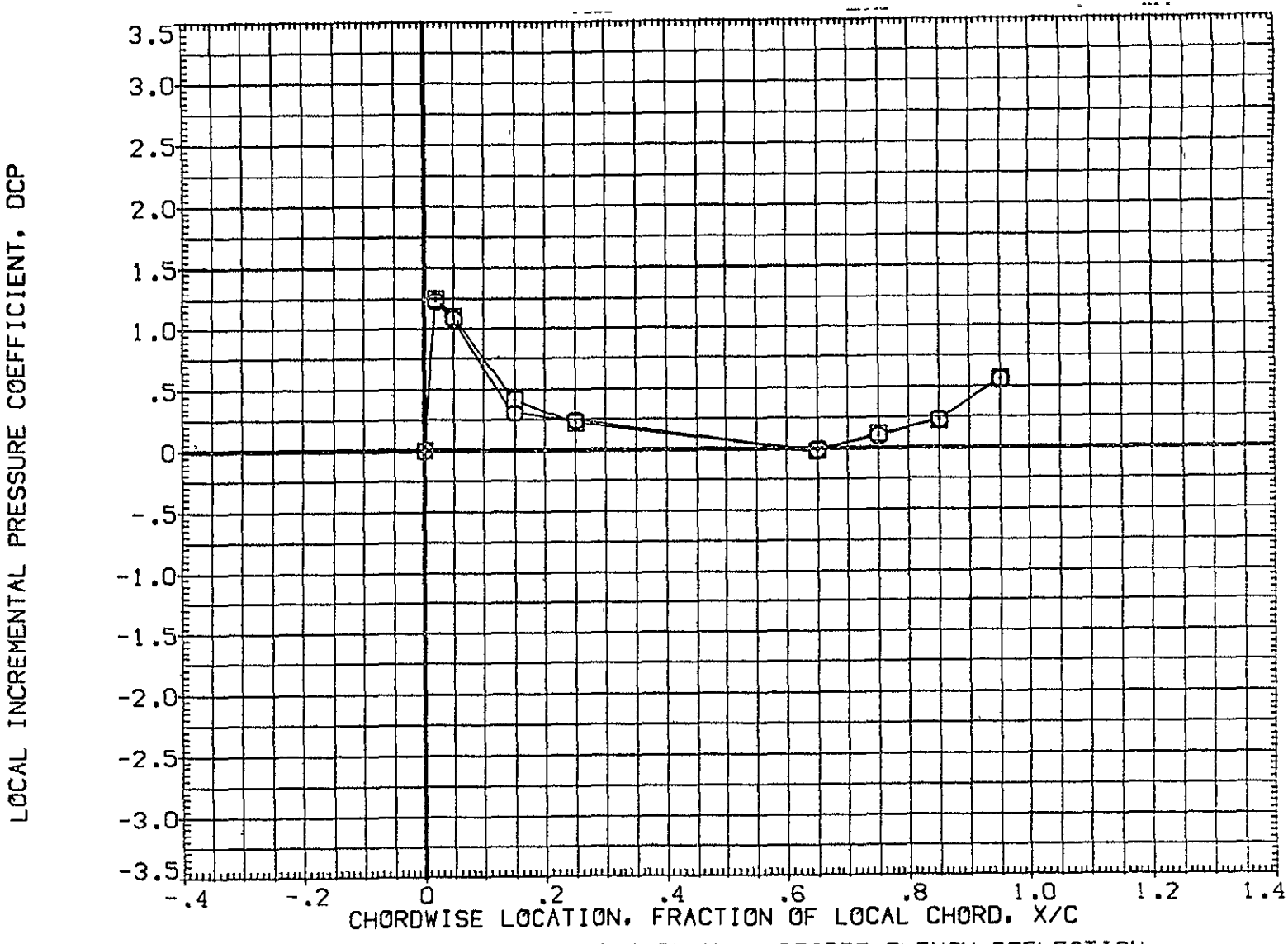

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)		1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)		1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

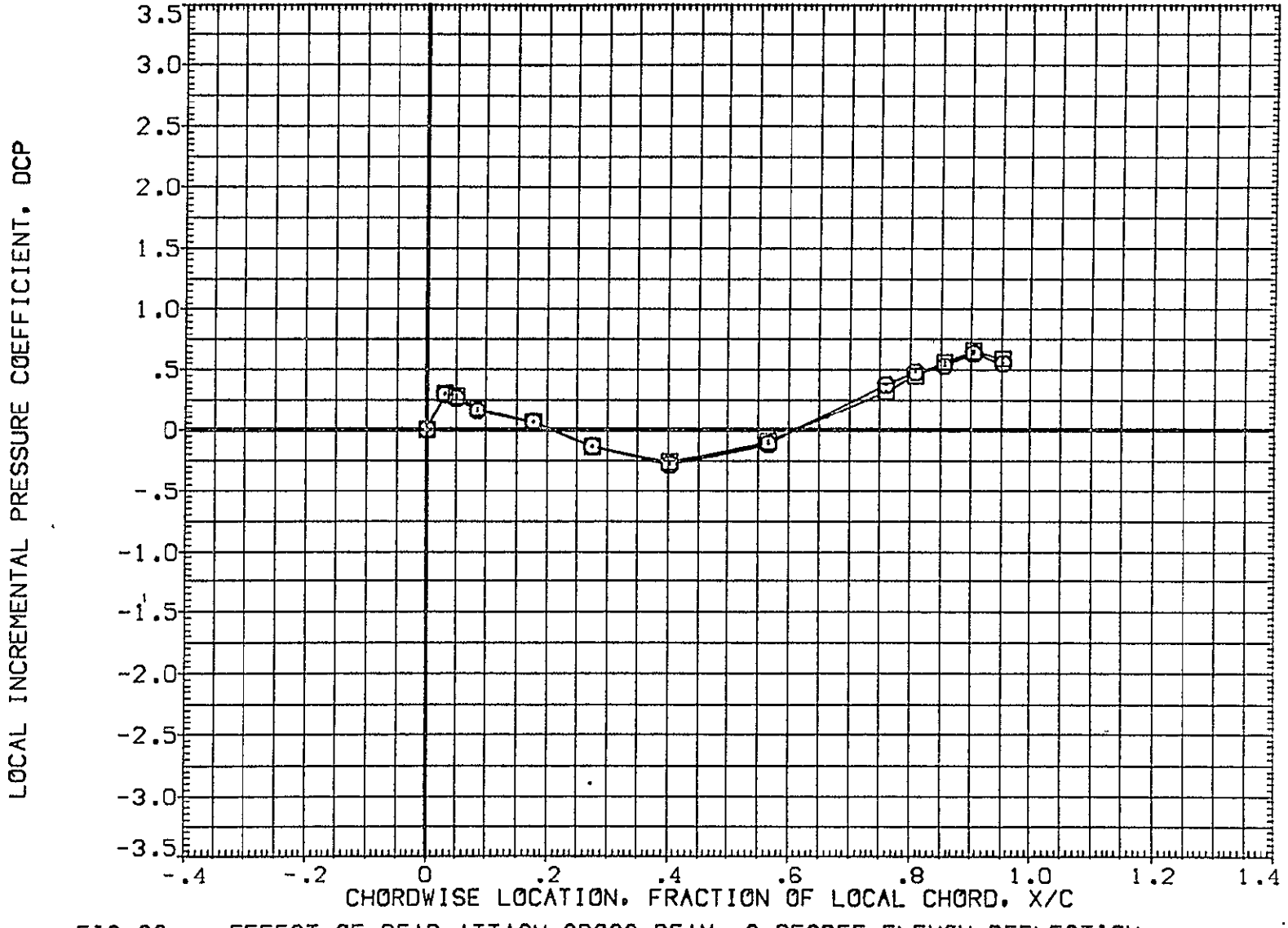

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

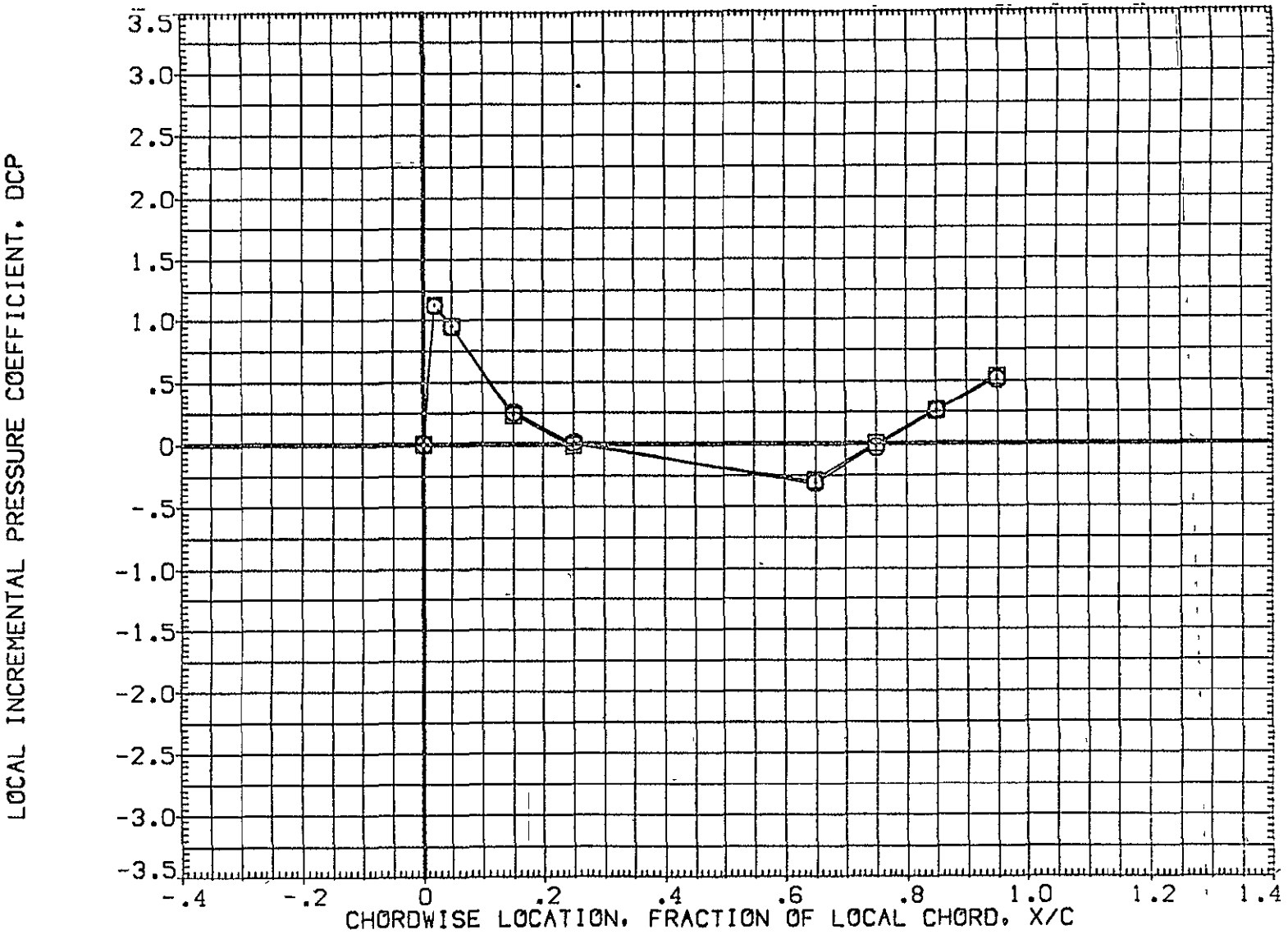

FIG 32 EFFECT OF REAR ATTACH, CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

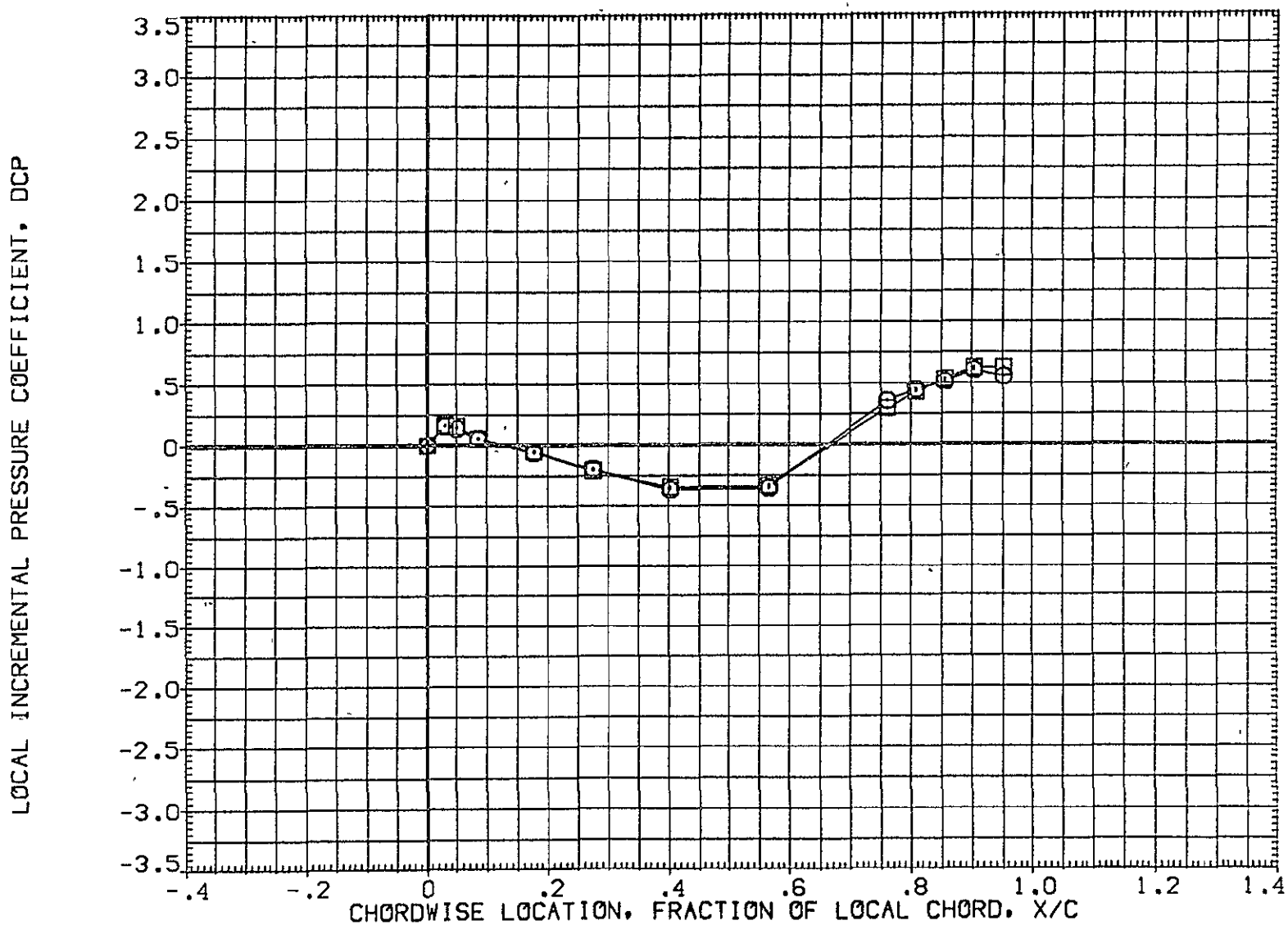

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

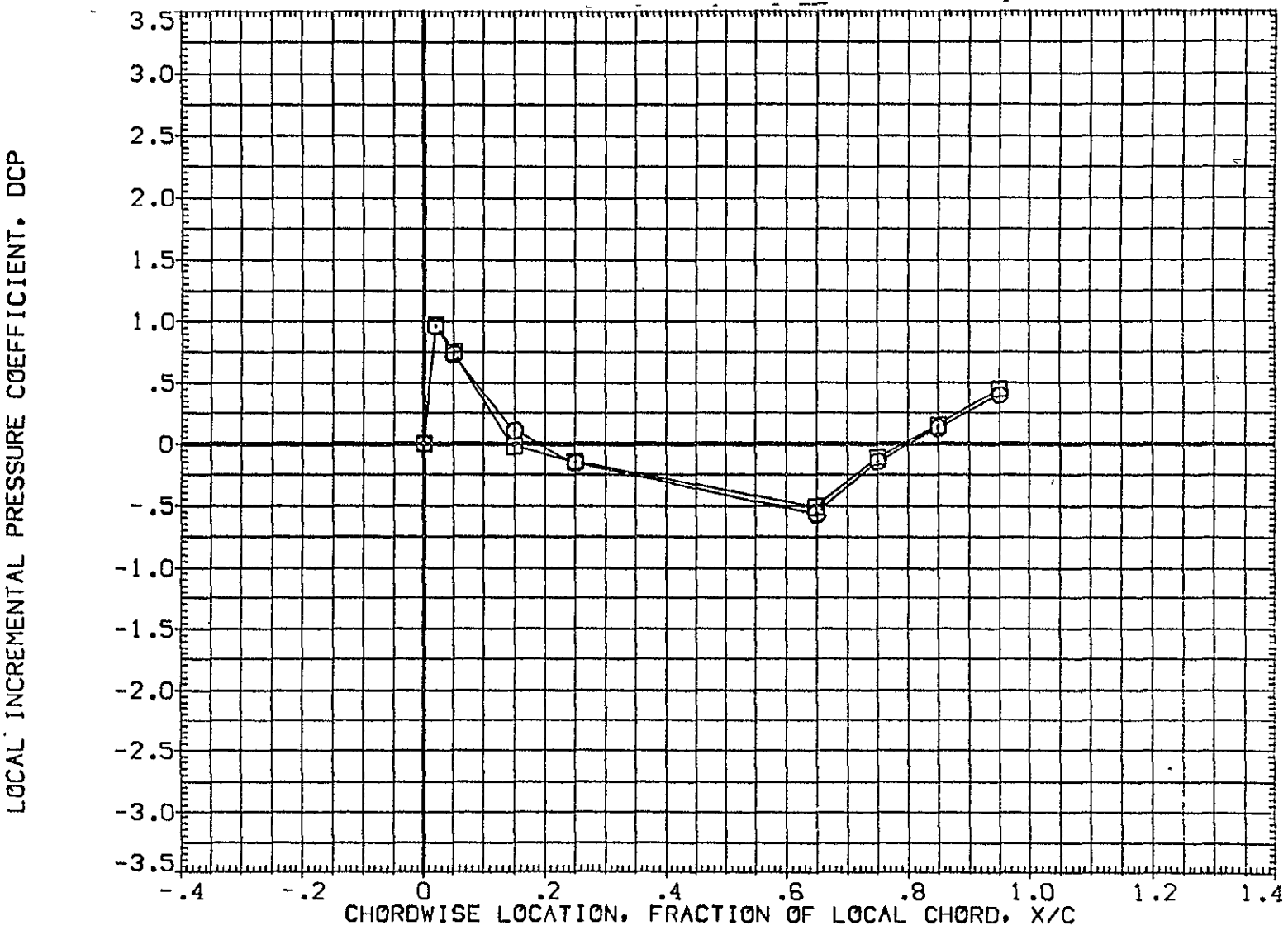

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

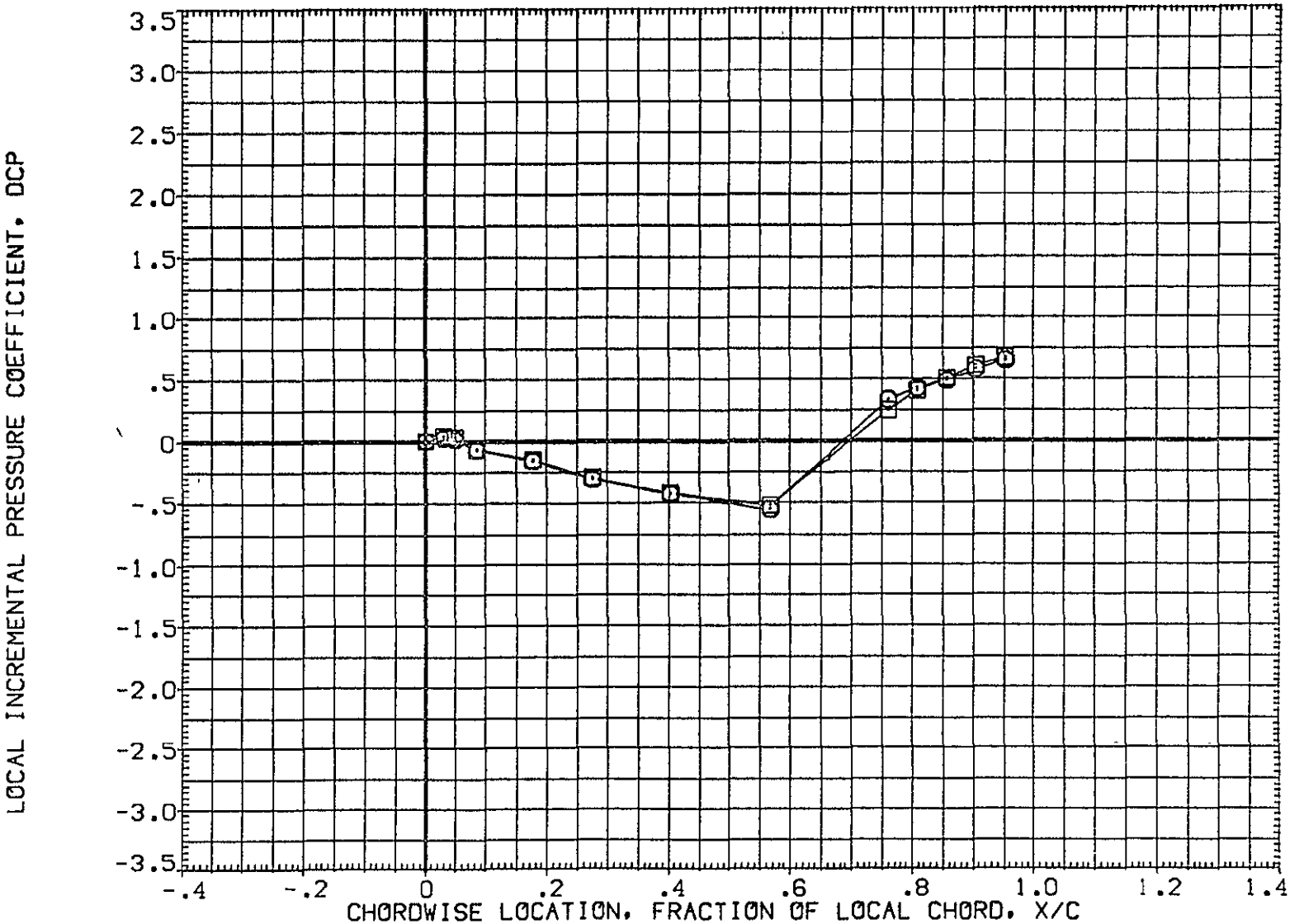

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

C-10

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

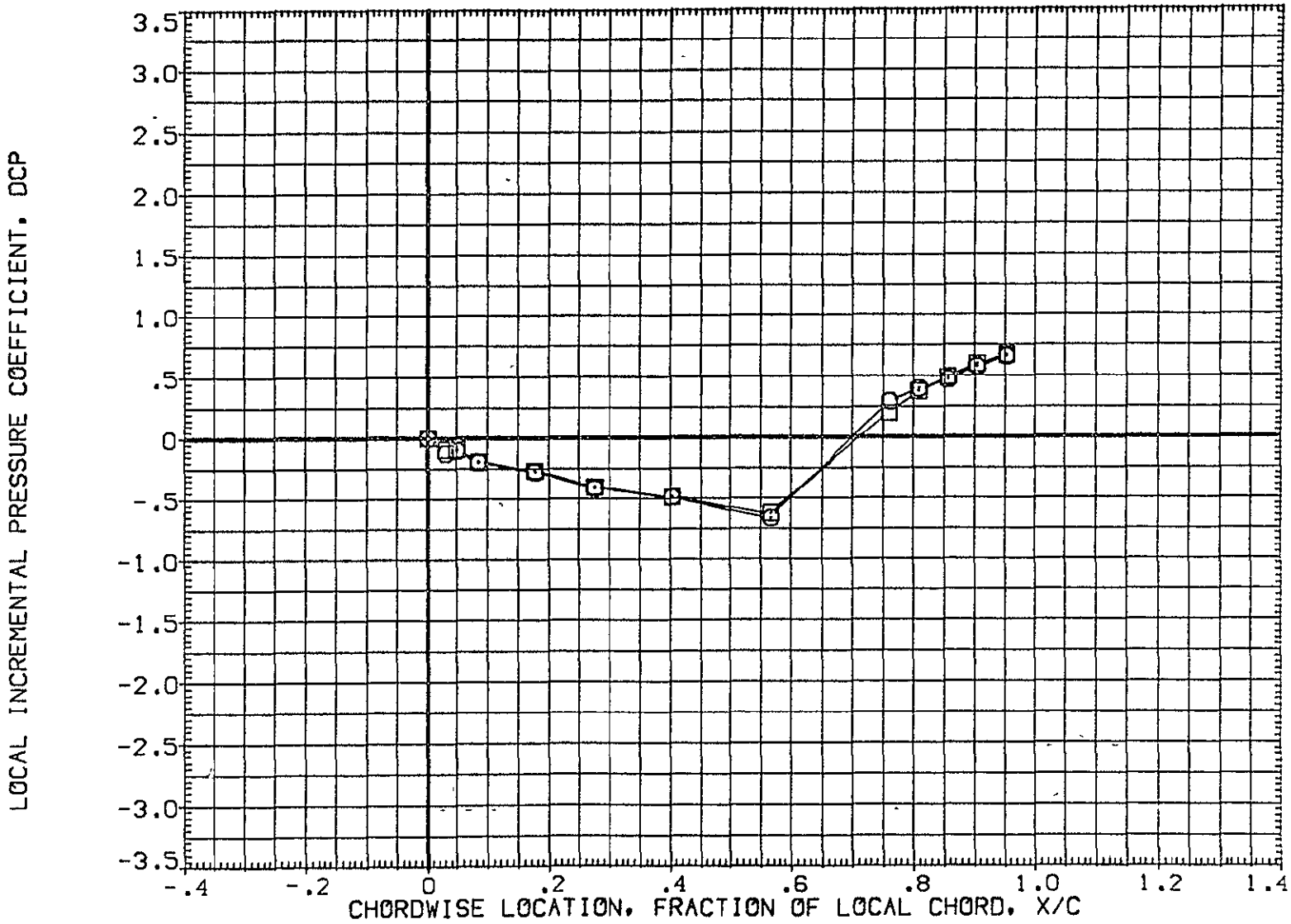

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

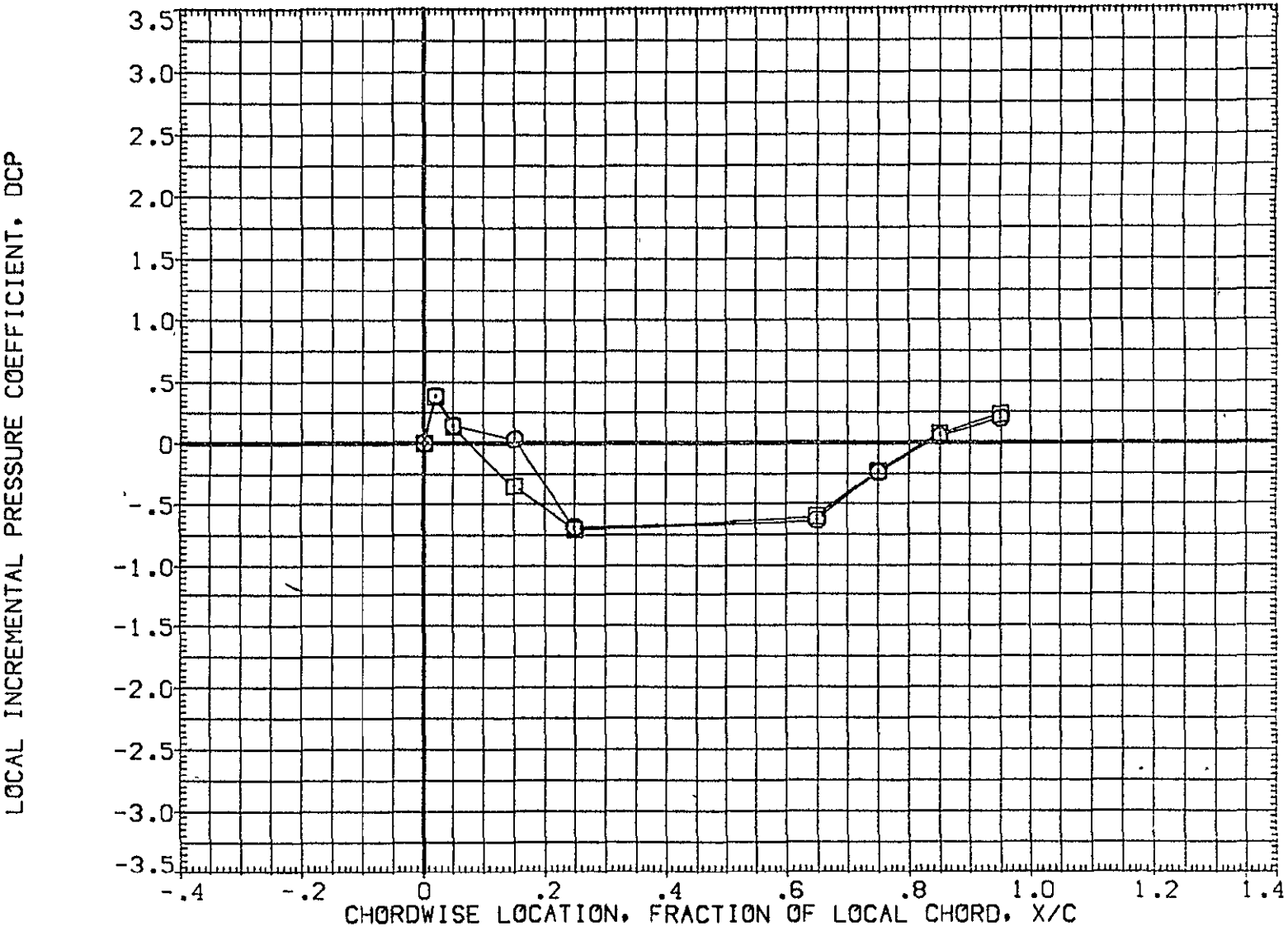

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

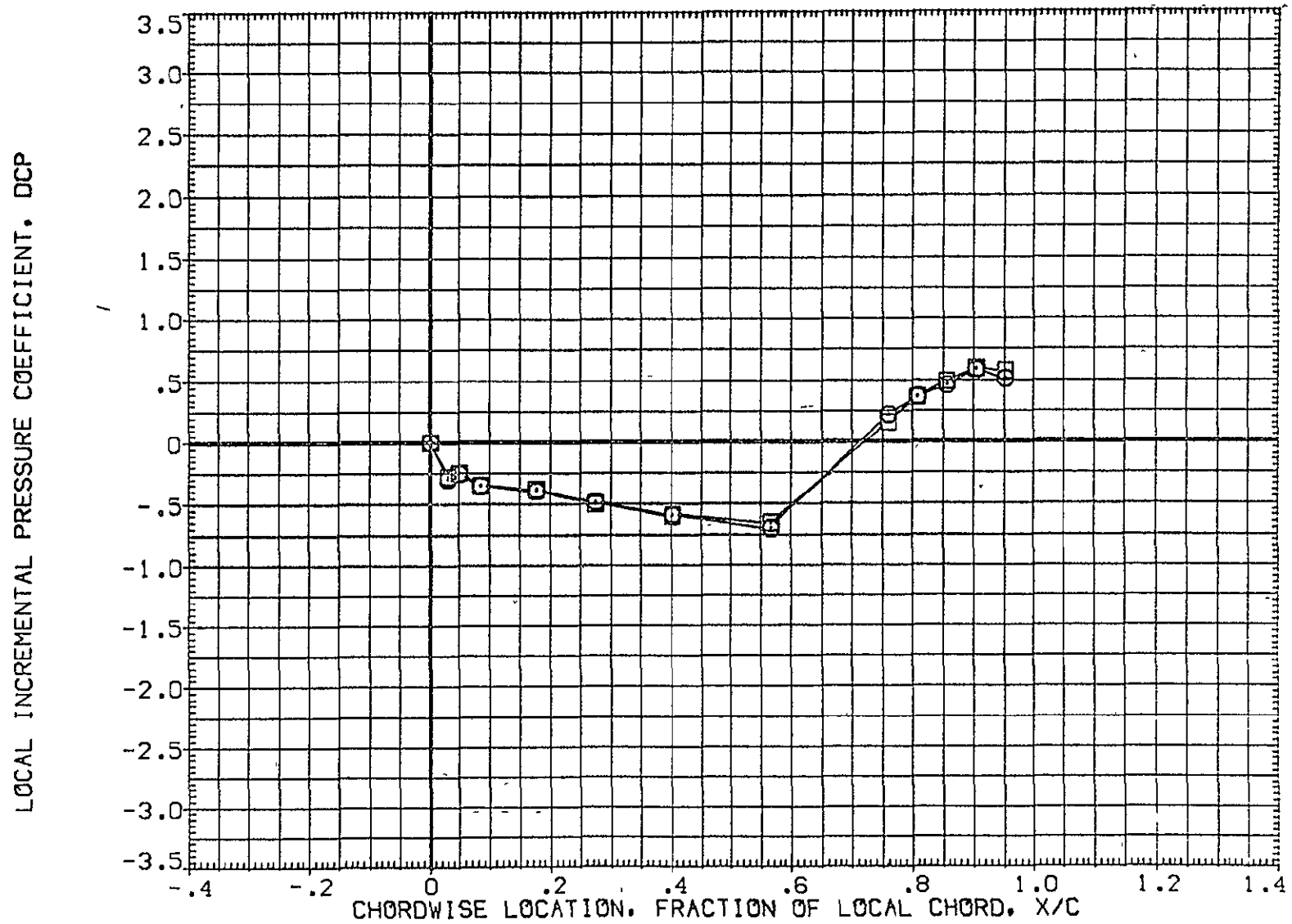

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

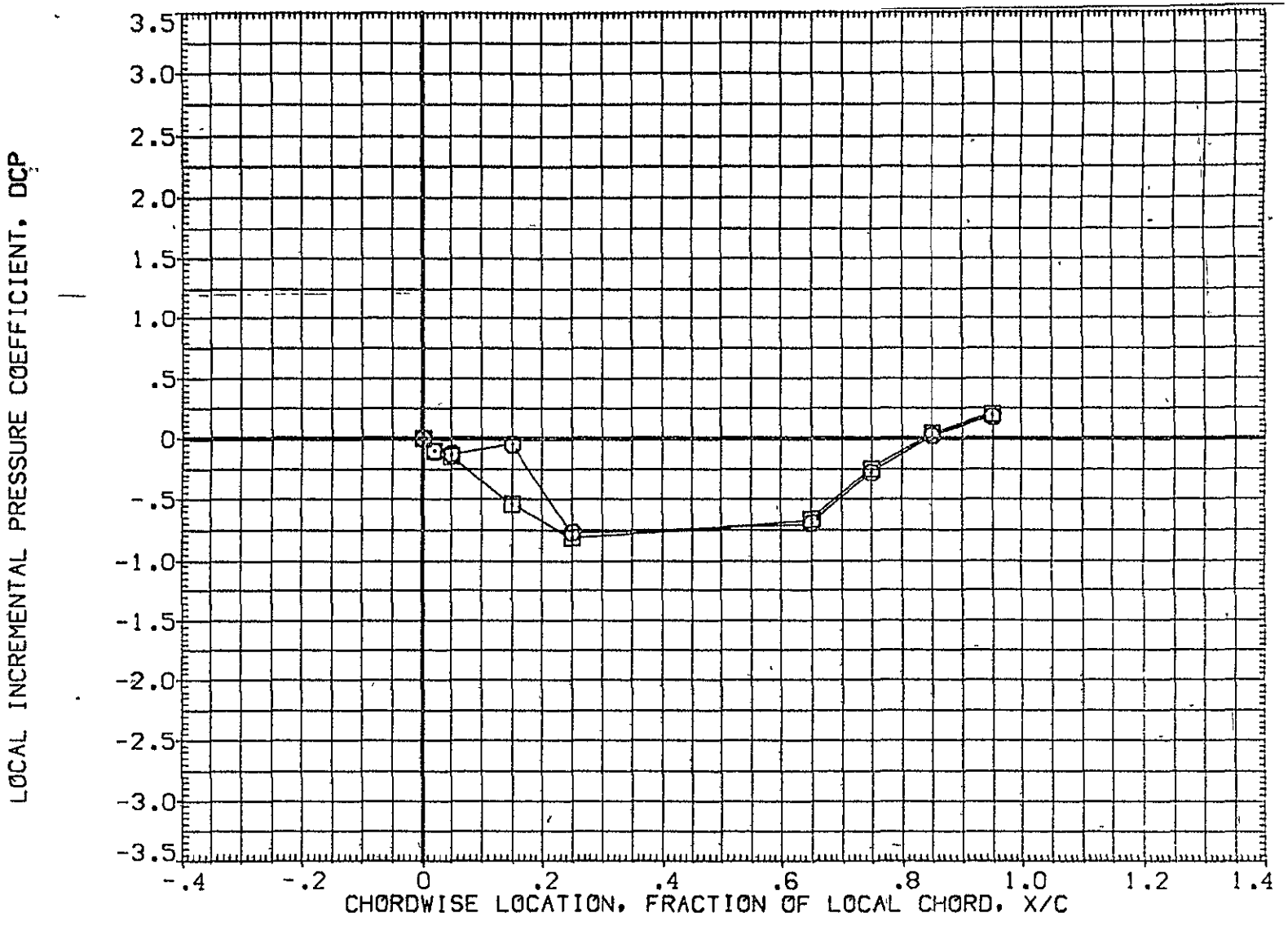

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

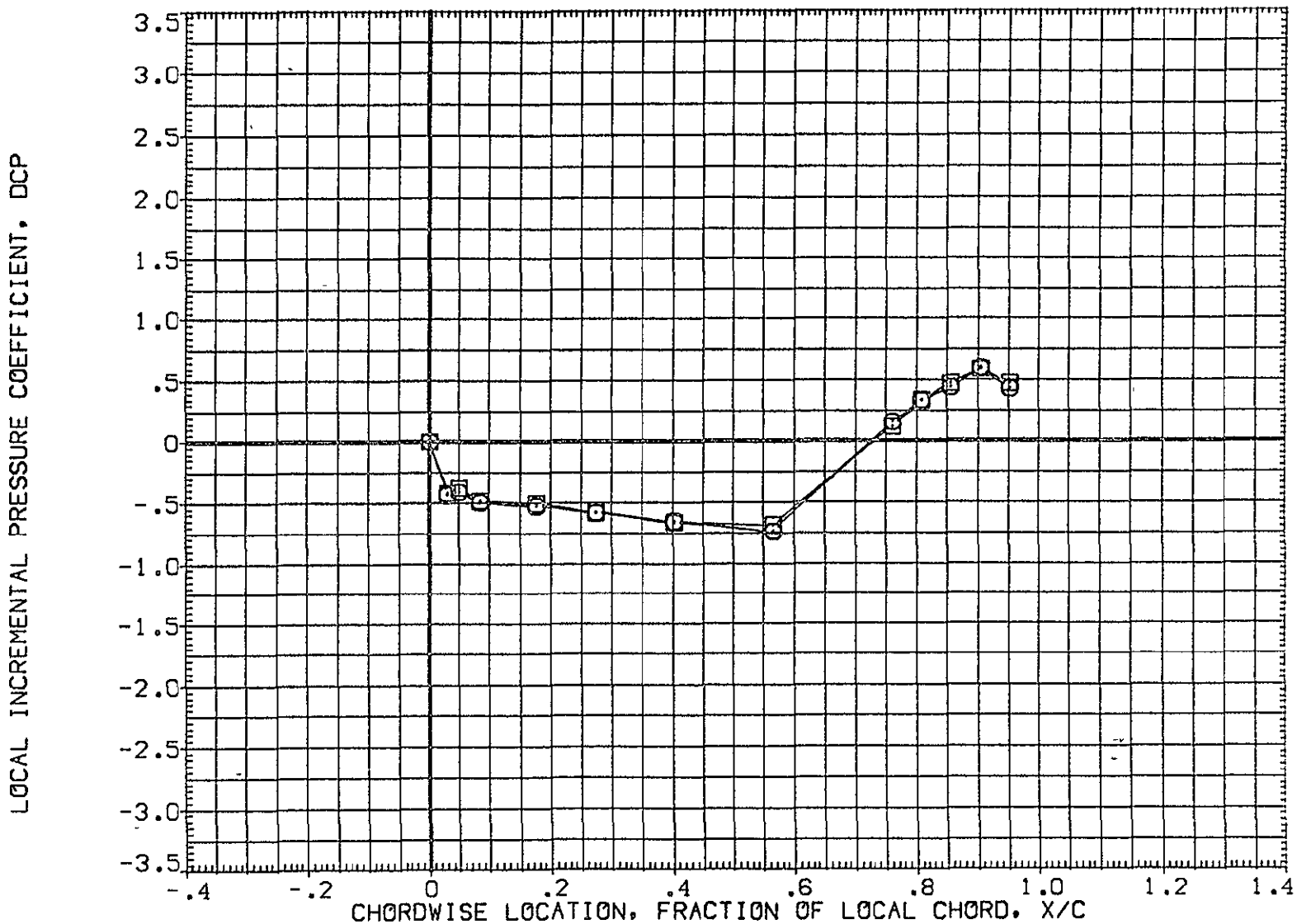

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	1A70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	1A70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

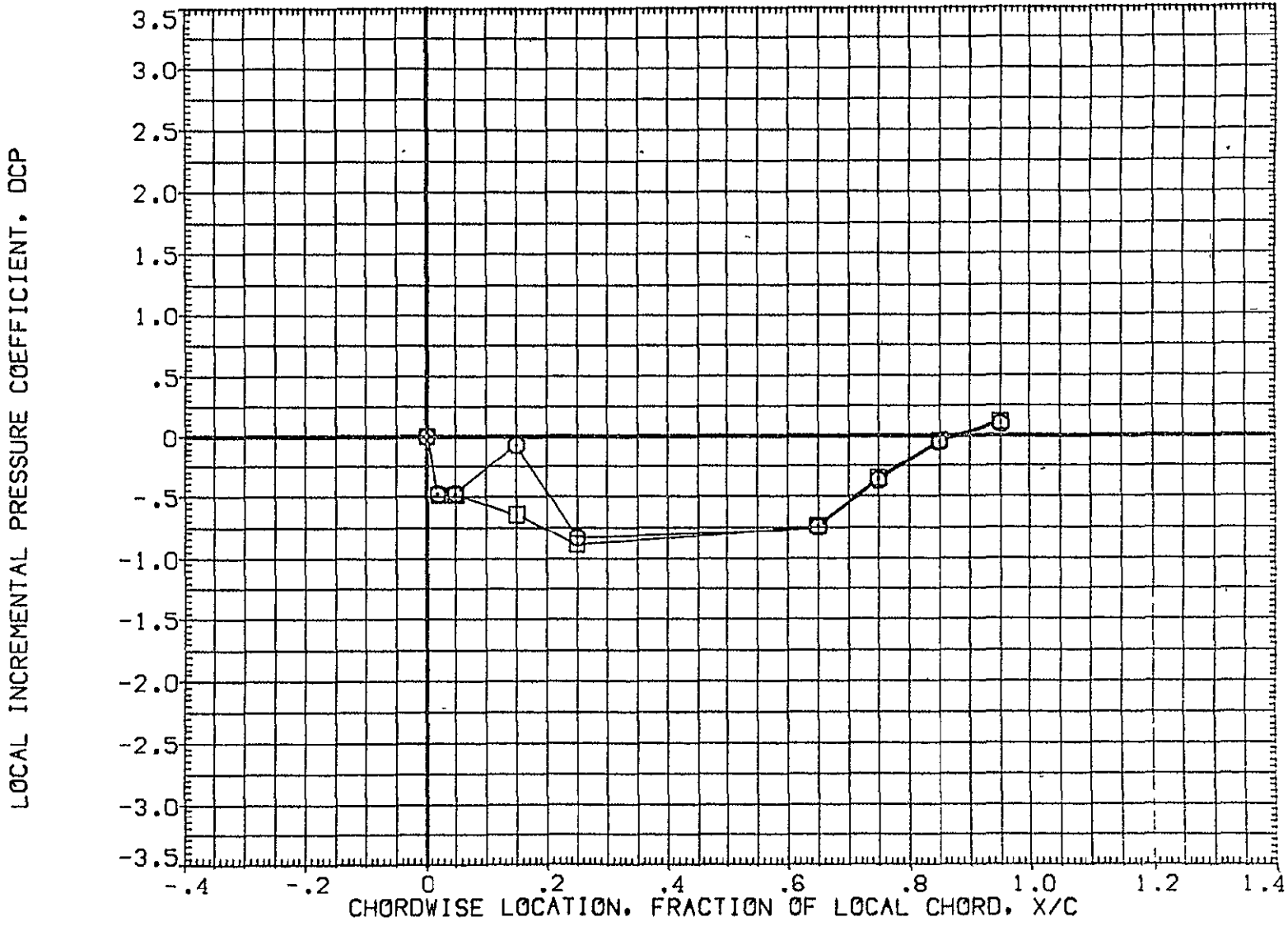

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8	WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10	WING (UPPER - LOWER)	.000	.000	.000	.000

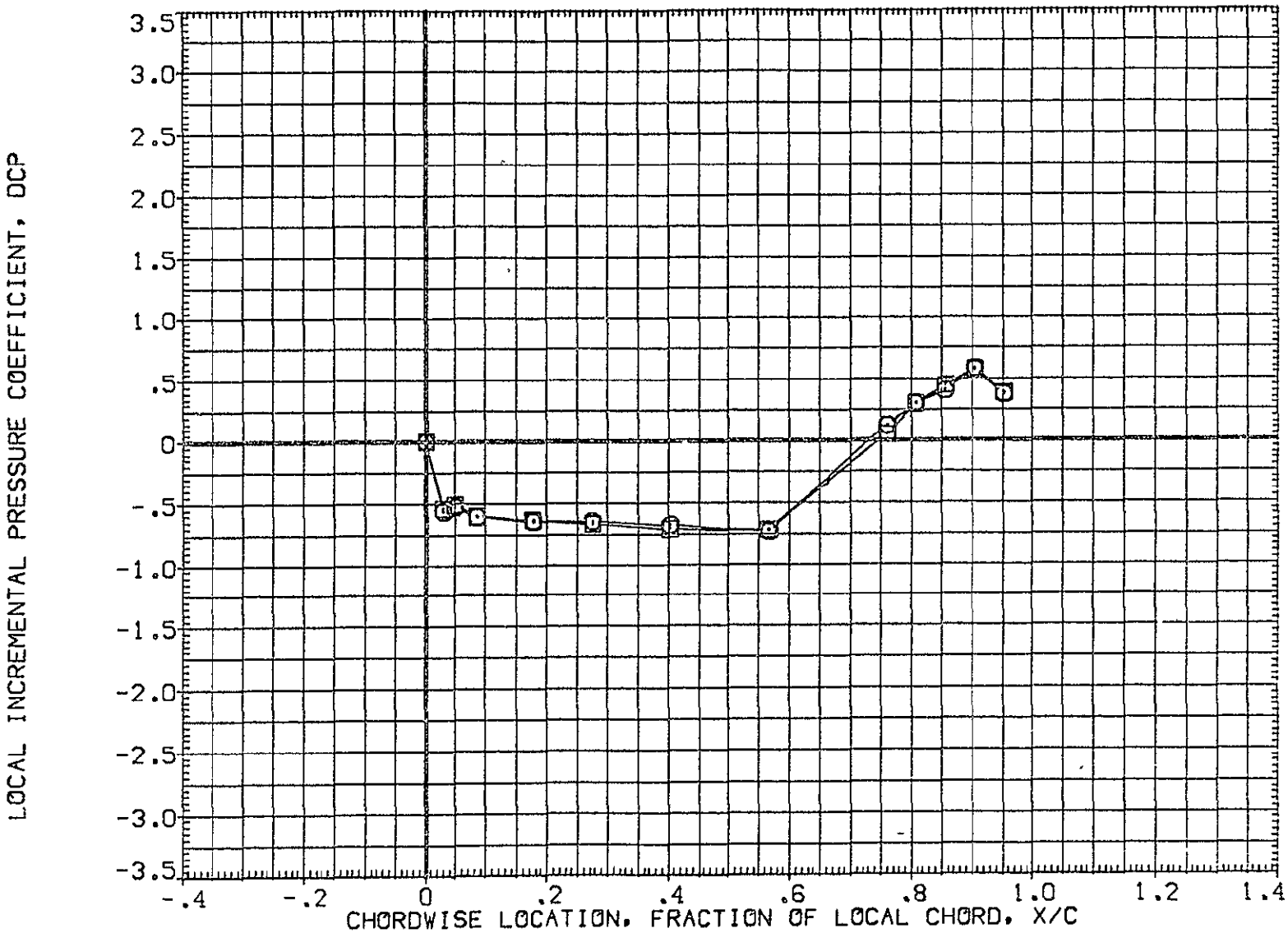

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	○	IA70 01 T12 S1 P2 P8 WING (UPPER - LOWER)	.000	.000	.000	.000
(AF7068)	□	IA70 01 T12 S1 P2 P10 WING (UPPER - LOWER)	.000	.000	.000	.000

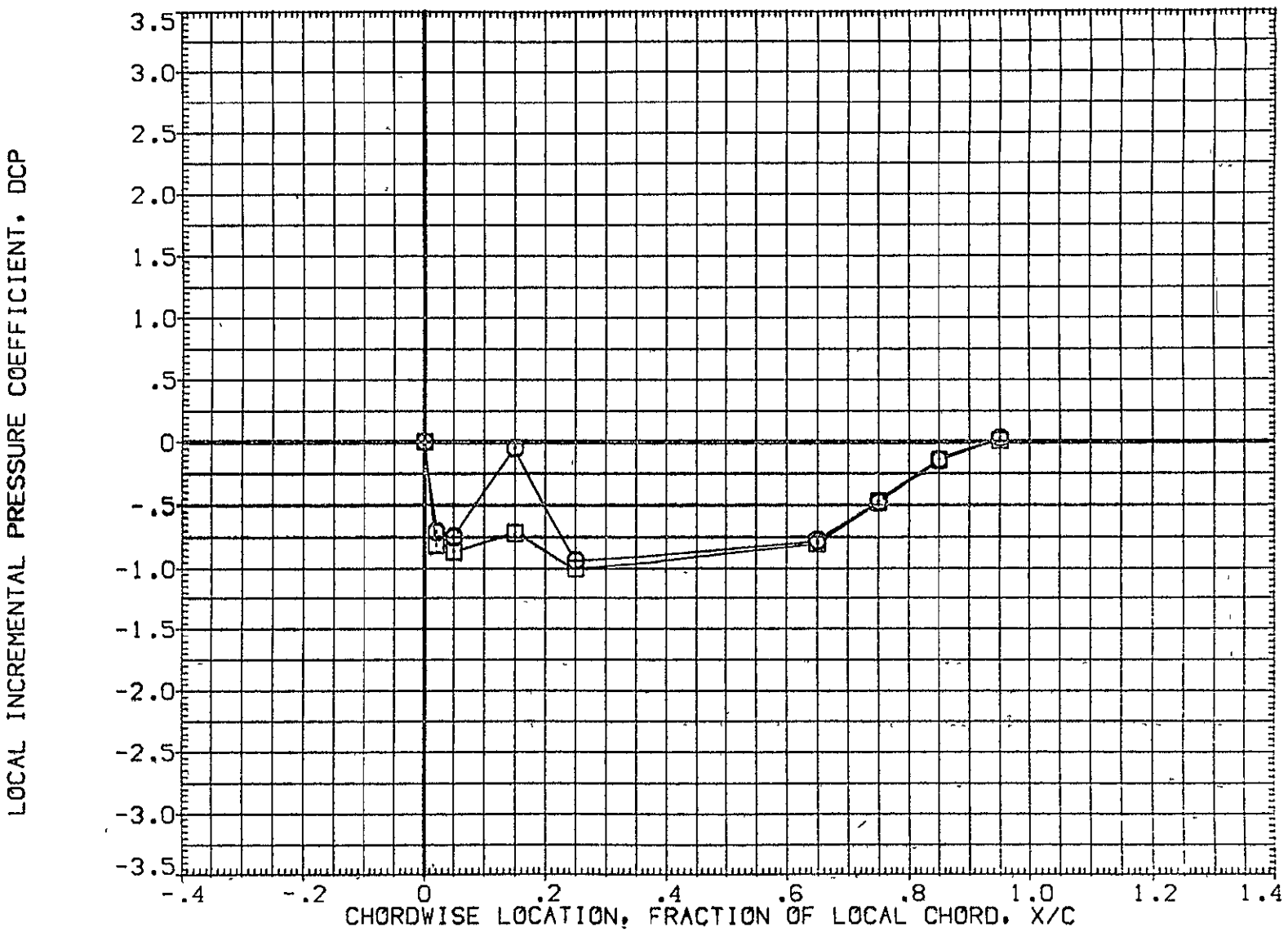

FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771